

APPENDIX 3.3-2
AERMOD and HARP2 Output Files

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

Reedley DMV HRA
San Joaquin Valley Unified APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	13.70	1000sqft	0.31	13,701.00	0
Other Asphalt Surfaces	1.49	Acre	1.49	64,904.40	0
Parking Lot	147.00	Space	1.32	58,800.00	0
City Park	0.38	Acre	0.38	16,552.80	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	45
Climate Zone	3			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	592.74	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Includes 33% RPS target by 2020.
- Land Use - Based on project site plan and project description.
- Construction Phase - CalEEMod defaults.
- Off-road Equipment - CalEEMod defaults.
- Off-road Equipment - CalEEMod defaults.
- Off-road Equipment - Based on applicant provided information.

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Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on 1,069 daily trips from transportation impact analysis.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - Watering twice daily.

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Energy Mitigation - Project includes a 128 kW solar PV system.

Water Mitigation - No landscaping irrigation proposed. 35% indoor water use reduction per LEED scorecard.

Waste Mitigation - In accordance with AB 341.

Operational Off-Road Equipment -

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Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblLandUse	LandUseSquareFeet	13,700.00	13,701.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	592.74
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripLength	6.60	0.19
tblTripsAndVMT	VendorTripNumber	25.00	26.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblVehicleTrips	CC_TL	6.60	5.87
tblVehicleTrips	CNW_TL	6.60	5.87
tblVehicleTrips	CW_TL	14.70	5.87
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	0.00	78.03
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	68.93	78.03

2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-4-2021	4-3-2021	0.8321	0.5963
2	4-4-2021	7-3-2021	0.6873	0.5433
3	7-4-2021	10-3-2021	0.6949	0.5492
4	10-4-2021	1-3-2022	0.6912	0.5477
5	1-4-2022	4-3-2022	0.9567	0.8982
		Highest	0.9567	0.8982

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003
Energy	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	48.6697	48.6697	2.1000e-003	5.7000e-004	48.8923
Mobile	0.2452	2.6248	1.8684	8.6000e-003	0.4388	7.0500e-003	0.4458	0.1180	6.6500e-003	0.1246	0.0000	800.5839	800.5839	0.0824	0.0000	802.6447
Waste						0.0000	0.0000		0.0000	0.0000	2.5922	0.0000	2.5922	0.1532	0.0000	6.4221
Water						0.0000	0.0000		0.0000	0.0000	0.8635	5.9553	6.8187	0.0890	2.1500e-003	9.6851
Total	0.3201	2.6336	1.8773	8.6500e-003	0.4388	7.7300e-003	0.4465	0.1180	7.3300e-003	0.1253	3.4556	855.2118	858.6674	0.3267	2.7200e-003	867.6472

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003
Energy	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	-5.8101	-5.8101	-0.0006	2.0000e-005	-5.8185
Mobile	0.2424	2.5915	1.8143	8.2900e-003	0.4168	6.7800e-003	0.4236	0.1121	6.3900e-003	0.1185	0.0000	772.5320	772.5320	0.0818	0.0000	774.5763
Waste						0.0000	0.0000		0.0000	0.0000	0.6481	0.0000	0.6481	0.0383	0.0000	1.6055
Water						0.0000	0.0000		0.0000	0.0000	0.5612	2.5737	3.1349	0.0578	1.3900e-003	4.9926
Total	0.3173	2.6003	1.8232	8.3400e-003	0.4168	7.4600e-003	0.4243	0.1121	7.0700e-003	0.1192	1.2093	769.2985	770.5078	0.1773	1.4100e-003	775.3590

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.88	1.27	2.88	3.58	5.00	3.49	4.97	5.00	3.55	4.91	65.01	10.05	10.27	45.74	48.16	10.64

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/4/2021	1/8/2021	5	5	
2	Trenching	Trenching	1/4/2021	2/2/2021	5	22	
3	Grading	Grading	1/5/2021	1/14/2021	5	8	
4	Building Construction	Building Construction	1/18/2021	3/11/2022	5	230	
5	Paving	Paving	1/17/2022	3/11/2022	5	18	
6	Architectural Coating	Architectural Coating	1/17/2022	3/11/2022	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 2.81

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 20,552; Non-Residential Outdoor: 6,851; Striped Parking Area: 7,422 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Trenching	Trenchers	2	8.00	78	0.50
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	26.00	0.00	16.80	0.19	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7200e-003	0.1012	0.0529	1.0000e-004	5.1100e-003	5.1100e-003		4.7000e-003	4.7000e-003		0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265
Total	9.7200e-003	0.1012	0.0529	1.0000e-004	0.0452	5.1100e-003	0.0503	0.0248	4.7000e-003	0.0295	0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265

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3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0203	0.0000	0.0203	0.0112	0.0000	0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3300e-003	0.0477	0.0574	1.0000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265
Total	2.3300e-003	0.0477	0.0574	1.0000e-004	0.0203	3.5000e-004	0.0207	0.0112	3.5000e-004	0.0115	0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265

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3.2 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.3 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4100e-003	0.0773	0.0573	7.0000e-005		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	6.5247	6.5247	2.1100e-003	0.0000	6.5775
Total	8.4100e-003	0.0773	0.0573	7.0000e-005		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	6.5247	6.5247	2.1100e-003	0.0000	6.5775

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3.3 Trenching - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8200e-003	0.0415	0.0560	7.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.5247	6.5247	2.1100e-003	0.0000	6.5775
Total	1.8200e-003	0.0415	0.0560	7.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.5247	6.5247	2.1100e-003	0.0000	6.5775

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3.3 Trenching - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1600e-003	0.0990	0.0634	1.2000e-004		4.6400e-003	4.6400e-003		4.2700e-003	4.2700e-003	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057
Total	9.1600e-003	0.0990	0.0634	1.2000e-004	0.0262	4.6400e-003	0.0309	0.0135	4.2700e-003	0.0177	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0118	0.0000	0.0118	6.0600e-003	0.0000	6.0600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4800e-003	0.0693	0.0664	1.2000e-004		1.4800e-003	1.4800e-003		1.3900e-003	1.3900e-003	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057
Total	4.4800e-003	0.0693	0.0664	1.2000e-004	0.0118	1.4800e-003	0.0133	6.0600e-003	1.3900e-003	7.4500e-003	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2376	2.1790	2.0719	3.3600e-003		0.1198	0.1198		0.1127	0.1127	0.0000	289.5466	289.5466	0.0699	0.0000	291.2930
Total	0.2376	2.1790	2.0719	3.3600e-003		0.1198	0.1198		0.1127	0.1127	0.0000	289.5466	289.5466	0.0699	0.0000	291.2930

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3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7700e-003	0.2200	0.0367	2.4000e-004	6.4000e-004	1.5000e-004	8.0000e-004	1.9000e-004	1.5000e-004	3.4000e-004	0.0000	22.6076	22.6076	6.2100e-003	0.0000	22.7629
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.7700e-003	0.2200	0.0367	2.4000e-004	6.4000e-004	1.5000e-004	8.0000e-004	1.9000e-004	1.5000e-004	3.4000e-004	0.0000	22.6076	22.6076	6.2100e-003	0.0000	22.7629

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0842	1.7783	2.2342	3.3600e-003		0.0169	0.0169		0.0169	0.0169	0.0000	289.5463	289.5463	0.0699	0.0000	291.2926
Total	0.0842	1.7783	2.2342	3.3600e-003		0.0169	0.0169		0.0169	0.0169	0.0000	289.5463	289.5463	0.0699	0.0000	291.2926

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3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7700e-003	0.2200	0.0367	2.4000e-004	6.4000e-004	1.5000e-004	8.0000e-004	1.9000e-004	1.5000e-004	3.4000e-004	0.0000	22.6076	22.6076	6.2100e-003	0.0000	22.7629
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.7700e-003	0.2200	0.0367	2.4000e-004	6.4000e-004	1.5000e-004	8.0000e-004	1.9000e-004	1.5000e-004	3.4000e-004	0.0000	22.6076	22.6076	6.2100e-003	0.0000	22.7629

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0427	0.3904	0.4091	6.7000e-004		0.0202	0.0202		0.0190	0.0190	0.0000	57.9313	57.9313	0.0139	0.0000	58.2783
Total	0.0427	0.3904	0.4091	6.7000e-004		0.0202	0.0202		0.0190	0.0190	0.0000	57.9313	57.9313	0.0139	0.0000	58.2783

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3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.8000e-004	0.0429	6.6600e-003	5.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	6.0000e-005	0.0000	4.4793	4.4793	1.2000e-003	0.0000	4.5094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8000e-004	0.0429	6.6600e-003	5.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	6.0000e-005	0.0000	4.4793	4.4793	1.2000e-003	0.0000	4.5094

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0169	0.3557	0.4468	6.7000e-004		3.3900e-003	3.3900e-003		3.3900e-003	3.3900e-003	0.0000	57.9312	57.9312	0.0139	0.0000	58.2782
Total	0.0169	0.3557	0.4468	6.7000e-004		3.3900e-003	3.3900e-003		3.3900e-003	3.3900e-003	0.0000	57.9312	57.9312	0.0139	0.0000	58.2782

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3.5 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.8000e-004	0.0429	6.6600e-003	5.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	6.0000e-005	0.0000	4.4793	4.4793	1.2000e-003	0.0000	4.5094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.8000e-004	0.0429	6.6600e-003	5.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	6.0000e-005	0.0000	4.4793	4.4793	1.2000e-003	0.0000	4.5094

3.6 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0195	0.1904	0.2439	3.8000e-004		9.7500e-003	9.7500e-003		9.0100e-003	9.0100e-003	0.0000	32.7517	32.7517	0.0103	0.0000	33.0090
Paving	8.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0277	0.1904	0.2439	3.8000e-004		9.7500e-003	9.7500e-003		9.0100e-003	9.0100e-003	0.0000	32.7517	32.7517	0.0103	0.0000	33.0090

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3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0178	0.1916	0.2460	3.8000e-004		8.3200e-003	8.3200e-003		7.7100e-003	7.7100e-003	0.0000	32.7517	32.7517	0.0103	0.0000	33.0090
Paving	8.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0259	0.1916	0.2460	3.8000e-004		8.3200e-003	8.3200e-003		7.7100e-003	7.7100e-003	0.0000	32.7517	32.7517	0.0103	0.0000	33.0090

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3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2690					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0900e-003	0.0282	0.0363	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.1065	5.1065	3.3000e-004	0.0000	5.1148
Total	0.2731	0.0282	0.0363	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.1065	5.1065	3.3000e-004	0.0000	5.1148

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3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2690					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0900e-003	0.0282	0.0363	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.1065	5.1065	3.3000e-004	0.0000	5.1148
Total	0.2731	0.0282	0.0363	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.1065	5.1065	3.3000e-004	0.0000	5.1148

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3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2424	2.5915	1.8143	8.2900e-003	0.4168	6.7800e-003	0.4236	0.1121	6.3900e-003	0.1185	0.0000	772.5320	772.5320	0.0818	0.0000	774.5763
Unmitigated	0.2452	2.6248	1.8684	8.6000e-003	0.4388	7.0500e-003	0.4458	0.1180	6.6500e-003	0.1246	0.0000	800.5839	800.5839	0.0824	0.0000	802.6447

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	1,069.01	1,069.01	0.00	1,150,667	1,093,133
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,069.01	1,069.01	0.00	1,150,667	1,093,133

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Government Office Building	5.87	5.87	5.87	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.511925	0.031902	0.170344	0.119204	0.018408	0.005097	0.021580	0.111258	0.001794	0.001564	0.005229	0.000954	0.000741
Government Office Building	0.511925	0.031902	0.170344	0.119204	0.018408	0.005097	0.021580	0.111258	0.001794	0.001564	0.005229	0.000954	0.000741
Other Asphalt Surfaces	0.511925	0.031902	0.170344	0.119204	0.018408	0.005097	0.021580	0.111258	0.001794	0.001564	0.005229	0.000954	0.000741
Parking Lot	0.511925	0.031902	0.170344	0.119204	0.018408	0.005097	0.021580	0.111258	0.001794	0.001564	0.005229	0.000954	0.000741

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	-15.3515	-15.3515	-0.0008	-0.0002	-15.4166
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39.1284	39.1284	1.9100e-003	4.0000e-004	39.2943
NaturalGas Mitigated	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980
NaturalGas Unmitigated	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	178798	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	178798	9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		9.6000e-004	8.7600e-003	7.3600e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5413	9.5413	1.8000e-004	1.7000e-004	9.5980

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	124953	33.5952	1.6400e-003	3.4000e-004	33.7376
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20580	5.5332	2.7000e-004	6.0000e-005	5.5567
Total		39.1284	1.9100e-003	4.0000e-004	39.2943

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	-50657.8	-13.6200	-0.0007	-0.0001	-13.6777
Government Office Building	74295.4	19.9752	9.8000e-004	2.0000e-004	20.0599
Other Asphalt Surfaces	-50657.8	-13.6200	-0.0007	-0.0001	-13.6777
Parking Lot	-30077.8	-8.0868	-0.0004	-0.0001	-8.1211
Total		-15.3515	-0.0008	-0.0002	-15.4166

6.0 Area Detail**6.1 Mitigation Measures Area**

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003
Unmitigated	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003
Total	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003
Total	0.0739	1.0000e-005	1.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9000e-003	2.9000e-003	1.0000e-005	0.0000	3.1000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.1349	0.0578	1.3900e-003	4.9926
Unmitigated	6.8187	0.0890	2.1500e-003	9.6851

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.452763	0.4261	2.0000e-005	0.0000	0.4279
Government Office Building	2.72164 / 1.6681	6.3926	0.0890	2.1500e-003	9.2572
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		6.8187	0.0890	2.1500e-003	9.6851

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Government Office Building	1.76906 / 0	3.1349	0.0578	1.3900e-003	4.9926
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		3.1349	0.0578	1.3900e-003	4.9926

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.6481	0.0383	0.0000	1.6055
Unmitigated	2.5922	0.1532	0.0000	6.4221

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Government Office Building	12.74	2.5861	0.1528	0.0000	6.4070
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		2.5922	0.1532	0.0000	6.4221

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.0075	1.5200e-003	9.0000e-005	0.0000	3.7700e-003
Government Office Building	3.185	0.6465	0.0382	0.0000	1.6017
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		0.6481	0.0383	0.0000	1.6055

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Reedley DMV HRA - San Joaquin Valley Unified APCD Air District, Annual

Equipment Type	Number
----------------	--------

11.0 Vegetation

** Lakes Environmental AERMOD MPI

**

** AERMOD Input Produced by:

** AERMOD View Ver. 9.6.5

** Lakes Environmental Software Inc.

** Date: 4/25/2019

** File: C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV - volume\Reedley DMV.ADI

**

**

** AERMOD Control Pathway

**

CO STARTING

TITLEONE C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID PM_10

RUNORNOT RUN

ERRORFIL "Reedley DMV.err"

CO FINISHED

**

** AERMOD Source Pathway

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	282640.659	4052157.000	105.170
LOCATION VOL2	VOLUME	282668.404	4052156.748	105.160
LOCATION VOL3	VOLUME	282695.891	4052156.748	105.170
LOCATION VOL4	VOLUME	282723.886	4052156.748	105.170
LOCATION VOL5	VOLUME	282752.900	4052155.220	105.180
LOCATION VOL6	VOLUME	282780.895	4052153.693	105.180
LOCATION VOL7	VOLUME	282799.729	4052126.207	105.150
LOCATION VOL8	VOLUME	282772.751	4052127.225	105.140
LOCATION VOL9	VOLUME	282744.756	4052127.225	105.140
LOCATION VOL10	VOLUME	282716.251	4052127.734	105.140
LOCATION VOL11	VOLUME	282689.273	4052128.243	105.140
LOCATION VOL12	VOLUME	282662.805	4052129.261	105.140
LOCATION VOL13	VOLUME	282636.337	4052128.752	105.140

** Source Parameters **

SRCPARAM VOL1	0.0769230769	5.000	5.814	5.814
SRCPARAM VOL2	0.0769230769	5.000	5.814	5.814
SRCPARAM VOL3	0.0769230769	5.000	5.814	5.814
SRCPARAM VOL4	0.0769230769	5.000	5.814	5.814
SRCPARAM VOL5	0.0769230769	5.000	5.814	5.814
SRCPARAM VOL6	0.0769230769	5.000	5.814	5.814

SRCPARAM VOL7 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL8 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL9 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL10 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL11 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL12 0.0769230769 5.000 5.814 5.814
SRCPARAM VOL13 0.0769230769 5.000 5.814 5.814

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

INCLUDED "Reedley DMV.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING

SURFFILE ..\Visalia_2007-2010.SFC
PROFFILE ..\Visalia_2007-2010.PFL
SURFDATA 93144 2007
UAIRDATA 23230 2007 OAKLAND/WSO_AP
PROFBASE 90.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "Reedley DMV.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "Reedley DMV.AD\PE00GALL.PLT" 32
SUMMFILE "Reedley DMV.sum"

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W187 85 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley
DMV\ *** 04/25/19
*** AERMET - VERSION 18081 *** ** ** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 13 Source(s); 1 Source Group(s); and 923 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 13 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)

and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:

- Model Outputs Tables of PERIOD Averages by Receptor
- Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
- Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
- Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 90.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Reedley DMV.err

**File for Summary of Results: Reedley DMV.sum

*** AERMOD - VERSION 18081 *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION SCALAR	RATE VARY BY
VOL1	0	0.76923E-01	282640.7	4052157.0	105.2	5.00	5.81	5.81	NO		
VOL2	0	0.76923E-01	282668.4	4052156.7	105.2	5.00	5.81	5.81	NO		
VOL3	0	0.76923E-01	282695.9	4052156.7	105.2	5.00	5.81	5.81	NO		
VOL4	0	0.76923E-01	282723.9	4052156.7	105.2	5.00	5.81	5.81	NO		
VOL5	0	0.76923E-01	282752.9	4052155.2	105.2	5.00	5.81	5.81	NO		
VOL6	0	0.76923E-01	282780.9	4052153.7	105.2	5.00	5.81	5.81	NO		
VOL7	0	0.76923E-01	282799.7	4052126.2	105.1	5.00	5.81	5.81	NO		
VOL8	0	0.76923E-01	282772.8	4052127.2	105.1	5.00	5.81	5.81	NO		
VOL9	0	0.76923E-01	282744.8	4052127.2	105.1	5.00	5.81	5.81	NO		
VOL10	0	0.76923E-01	282716.3	4052127.7	105.1	5.00	5.81	5.81	NO		
VOL11	0	0.76923E-01	282689.3	4052128.2	105.1	5.00	5.81	5.81	NO		
VOL12	0	0.76923E-01	282662.8	4052129.3	105.1	5.00	5.81	5.81	NO		
VOL13	0	0.76923E-01	282636.3	4052128.8	105.1	5.00	5.81	5.81	NO		

*** AERMOD - VERSION 18081 *** *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** ***

*** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,

VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** AERMOD - VERSION 18081 *** *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** ***

*** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282145.5, 4052109.5, 104.5, 104.5, 0.0);	(282165.5, 4052109.5, 104.5, 104.5, 0.0);
(282185.5, 4052109.5, 104.5, 104.5, 0.0);	(282205.5, 4052109.5, 104.5, 104.5, 0.0);
(282225.5, 4052109.5, 104.5, 104.5, 0.0);	(282245.5, 4052109.5, 104.5, 104.5, 0.0);
(282265.5, 4052109.5, 104.6, 104.6, 0.0);	(282285.5, 4052109.5, 104.6, 104.6, 0.0);
(282305.5, 4052109.5, 104.7, 104.7, 0.0);	(282325.5, 4052109.5, 104.7, 104.7, 0.0);
(282345.5, 4052109.5, 104.8, 104.8, 0.0);	(282365.5, 4052109.5, 104.8, 104.8, 0.0);
(282385.5, 4052109.5, 104.9, 104.9, 0.0);	(282405.5, 4052109.5, 105.0, 105.0, 0.0);
(282425.5, 4052109.5, 105.0, 105.0, 0.0);	(282845.5, 4052109.5, 105.1, 105.1, 0.0);
(282865.5, 4052109.5, 105.1, 105.1, 0.0);	(282885.5, 4052109.5, 105.1, 105.1, 0.0);
(282905.5, 4052109.5, 105.1, 105.1, 0.0);	(282925.5, 4052109.5, 105.1, 105.1, 0.0);
(282945.5, 4052109.5, 105.1, 105.1, 0.0);	(282965.5, 4052109.5, 105.1, 105.1, 0.0);
(282985.5, 4052109.5, 105.1, 105.1, 0.0);	(283005.5, 4052109.5, 105.1, 105.1, 0.0);
(283025.5, 4052109.5, 105.1, 105.1, 0.0);	(283045.5, 4052109.5, 105.1, 105.1, 0.0);
(283065.5, 4052109.5, 105.1, 105.1, 0.0);	(283085.5, 4052109.5, 105.1, 105.1, 0.0);
(283105.5, 4052109.5, 105.1, 105.1, 0.0);	(283125.5, 4052109.5, 105.1, 105.1, 0.0);
(283145.5, 4052109.5, 105.1, 105.1, 0.0);	(282145.5, 4052129.5, 104.5, 104.5, 0.0);
(282165.5, 4052129.5, 104.5, 104.5, 0.0);	(282185.5, 4052129.5, 104.5, 104.5, 0.0);
(282205.5, 4052129.5, 104.5, 104.5, 0.0);	(282225.5, 4052129.5, 104.5, 104.5, 0.0);
(282245.5, 4052129.5, 104.5, 104.5, 0.0);	(282265.5, 4052129.5, 104.6, 104.6, 0.0);
(282285.5, 4052129.5, 104.6, 104.6, 0.0);	(282305.5, 4052129.5, 104.7, 104.7, 0.0);
(282325.5, 4052129.5, 104.8, 104.8, 0.0);	(282345.5, 4052129.5, 104.8, 104.8, 0.0);
(282365.5, 4052129.5, 104.9, 104.9, 0.0);	(282385.5, 4052129.5, 104.9, 104.9, 0.0);
(282405.5, 4052129.5, 105.0, 105.0, 0.0);	(282425.5, 4052129.5, 105.0, 105.0, 0.0);
(282845.5, 4052129.5, 105.2, 105.2, 0.0);	(282865.5, 4052129.5, 105.2, 105.2, 0.0);
(282885.5, 4052129.5, 105.2, 105.2, 0.0);	(282905.5, 4052129.5, 105.2, 105.2, 0.0);
(282925.5, 4052129.5, 105.2, 105.2, 0.0);	(282945.5, 4052129.5, 105.2, 105.2, 0.0);
(282965.5, 4052129.5, 105.2, 105.2, 0.0);	(282985.5, 4052129.5, 105.1, 105.1, 0.0);
(283005.5, 4052129.5, 105.1, 105.1, 0.0);	(283025.5, 4052129.5, 105.1, 105.1, 0.0);
(283045.5, 4052129.5, 105.1, 105.1, 0.0);	(283065.5, 4052129.5, 105.1, 105.1, 0.0);
(283085.5, 4052129.5, 105.1, 105.1, 0.0);	(283105.5, 4052129.5, 105.1, 105.1, 0.0);

(283125.5, 4052129.5, 105.1, 105.1, 0.0); (283145.5, 4052129.5, 105.1, 105.1, 0.0);
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(282185.5, 4052149.5, 104.5, 104.5, 0.0); (282205.5, 4052149.5, 104.5, 104.5, 0.0);
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(282305.5, 4052149.5, 104.7, 104.7, 0.0); (282325.5, 4052149.5, 104.8, 104.8, 0.0);
(282345.5, 4052149.5, 104.8, 104.8, 0.0); (282365.5, 4052149.5, 104.9, 104.9, 0.0);
(282385.5, 4052149.5, 104.9, 104.9, 0.0); (282405.5, 4052149.5, 105.0, 105.0, 0.0);
(282425.5, 4052149.5, 105.0, 105.0, 0.0); (282845.5, 4052149.5, 105.2, 105.2, 0.0);
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(282905.5, 4052149.5, 105.2, 105.2, 0.0); (282925.5, 4052149.5, 105.2, 105.2, 0.0);
(282945.5, 4052149.5, 105.2, 105.2, 0.0); (282965.5, 4052149.5, 105.2, 105.2, 0.0);
(282985.5, 4052149.5, 105.2, 105.2, 0.0); (283005.5, 4052149.5, 105.2, 105.2, 0.0);
(283025.5, 4052149.5, 105.2, 105.2, 0.0); (283045.5, 4052149.5, 105.2, 105.2, 0.0);
(283065.5, 4052149.5, 105.2, 105.2, 0.0); (283085.5, 4052149.5, 105.2, 105.2, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(282845.5, 4052169.5, 105.2, 105.2, 0.0); (282865.5, 4052169.5, 105.2, 105.2, 0.0);
(282885.5, 4052169.5, 105.2, 105.2, 0.0); (282905.5, 4052169.5, 105.2, 105.2, 0.0);
(282925.5, 4052169.5, 105.2, 105.2, 0.0); (282945.5, 4052169.5, 105.2, 105.2, 0.0);
(282965.5, 4052169.5, 105.2, 105.2, 0.0); (282985.5, 4052169.5, 105.2, 105.2, 0.0);
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(283045.5, 4052169.5, 105.2, 105.2, 0.0); (283065.5, 4052169.5, 105.2, 105.2, 0.0);
(283085.5, 4052169.5, 105.2, 105.2, 0.0); (283105.5, 4052169.5, 105.2, 105.2, 0.0);
(283125.5, 4052169.5, 105.2, 105.2, 0.0); (283145.5, 4052169.5, 105.2, 105.2, 0.0);
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(282185.5, 4052189.5, 104.5, 104.5, 0.0); (282205.5, 4052189.5, 104.5, 104.5, 0.0);
(282225.5, 4052189.5, 104.5, 104.5, 0.0); (282245.5, 4052189.5, 104.6, 104.6, 0.0);
(282265.5, 4052189.5, 104.6, 104.6, 0.0); (282285.5, 4052189.5, 104.7, 104.7, 0.0);
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(282345.5, 4052189.5, 104.9, 104.9, 0.0); (282365.5, 4052189.5, 104.9, 104.9, 0.0);
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(282865.5, 4052189.5, 105.3, 105.3, 0.0); (282885.5, 4052189.5, 105.3, 105.3, 0.0);
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(282325.5, 4052209.5, 104.8, 104.8, 0.0); (282605.5, 4052209.5, 105.2, 105.2, 0.0);
(282625.5, 4052209.5, 105.2, 105.2, 0.0); (282645.5, 4052209.5, 105.2, 105.2, 0.0);
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(282705.5, 4052209.5, 105.2, 105.2, 0.0); (282725.5, 4052209.5, 105.2, 105.2, 0.0);
(282745.5, 4052209.5, 105.2, 105.2, 0.0); (282765.5, 4052209.5, 105.3, 105.3, 0.0);
(282785.5, 4052209.5, 105.3, 105.3, 0.0); (282805.5, 4052209.5, 105.3, 105.3, 0.0);
(282825.5, 4052209.5, 105.3, 105.3, 0.0); (282845.5, 4052209.5, 105.3, 105.3, 0.0);
(282865.5, 4052209.5, 105.3, 105.3, 0.0); (282885.5, 4052209.5, 105.3, 105.3, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282905.5, 4052209.5, 105.3, 105.3, 0.0); (282925.5, 4052209.5, 105.3, 105.3, 0.0);
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(282985.5, 4052209.5, 105.3, 105.3, 0.0); (283005.5, 4052209.5, 105.3, 105.3, 0.0);
(283025.5, 4052209.5, 105.3, 105.3, 0.0); (283045.5, 4052209.5, 105.3, 105.3, 0.0);
(283065.5, 4052209.5, 105.3, 105.3, 0.0); (283085.5, 4052209.5, 105.3, 105.3, 0.0);
(283105.5, 4052209.5, 105.3, 105.3, 0.0); (283125.5, 4052209.5, 105.2, 105.2, 0.0);
(283145.5, 4052209.5, 105.2, 105.2, 0.0); (282145.5, 4052229.5, 104.5, 104.5, 0.0);
(282165.5, 4052229.5, 104.5, 104.5, 0.0); (282185.5, 4052229.5, 104.5, 104.5, 0.0);
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(282245.5, 4052229.5, 104.6, 104.6, 0.0); (282265.5, 4052229.5, 104.6, 104.6, 0.0);
(282285.5, 4052229.5, 104.7, 104.7, 0.0); (282305.5, 4052229.5, 104.8, 104.8, 0.0);
(282325.5, 4052229.5, 104.8, 104.8, 0.0); (282605.5, 4052229.5, 105.3, 105.3, 0.0);
(282625.5, 4052229.5, 105.3, 105.3, 0.0); (282645.5, 4052229.5, 105.3, 105.3, 0.0);
(282665.5, 4052229.5, 105.3, 105.3, 0.0); (282685.5, 4052229.5, 105.3, 105.3, 0.0);
(282705.5, 4052229.5, 105.3, 105.3, 0.0); (282725.5, 4052229.5, 105.3, 105.3, 0.0);
(282745.5, 4052229.5, 105.3, 105.3, 0.0); (282765.5, 4052229.5, 105.3, 105.3, 0.0);
(282785.5, 4052229.5, 105.3, 105.3, 0.0); (282805.5, 4052229.5, 105.3, 105.3, 0.0);
(282825.5, 4052229.5, 105.3, 105.3, 0.0); (282845.5, 4052229.5, 105.3, 105.3, 0.0);
(282865.5, 4052229.5, 105.3, 105.3, 0.0); (282885.5, 4052229.5, 105.3, 105.3, 0.0);
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(282285.5, 4052249.5, 104.7, 104.7, 0.0); (282305.5, 4052249.5, 104.8, 104.8, 0.0);
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(282745.5, 4052249.5, 105.3, 105.3, 0.0); (282765.5, 4052249.5, 105.3, 105.3, 0.0);
(282785.5, 4052249.5, 105.3, 105.3, 0.0); (282805.5, 4052249.5, 105.3, 105.3, 0.0);
(282825.5, 4052249.5, 105.3, 105.3, 0.0); (282845.5, 4052249.5, 105.4, 105.4, 0.0);
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(282905.5, 4052249.5, 105.4, 105.4, 0.0); (282925.5, 4052249.5, 105.4, 105.4, 0.0);
(282945.5, 4052249.5, 105.4, 105.4, 0.0); (282965.5, 4052249.5, 105.4, 105.4, 0.0);
(282985.5, 4052249.5, 105.4, 105.4, 0.0); (283005.5, 4052249.5, 105.4, 105.4, 0.0);
(283025.5, 4052249.5, 105.4, 105.4, 0.0); (283045.5, 4052249.5, 105.4, 105.4, 0.0);
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(283105.5, 4052249.5, 105.3, 105.3, 0.0); (283125.5, 4052249.5, 105.3, 105.3, 0.0);
(283145.5, 4052249.5, 105.3, 105.3, 0.0); (282145.5, 4052269.5, 104.5, 104.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(282225.5, 4052289.5, 104.6, 104.6, 0.0); (282245.5, 4052289.5, 104.6, 104.6, 0.0);
(282265.5, 4052289.5, 104.7, 104.7, 0.0); (282285.5, 4052289.5, 104.8, 104.8, 0.0);
(282305.5, 4052289.5, 104.8, 104.8, 0.0); (282325.5, 4052289.5, 104.9, 104.9, 0.0);
(282345.5, 4052289.5, 105.0, 105.0, 0.0); (282365.5, 4052289.5, 105.1, 105.1, 0.0);
(282385.5, 4052289.5, 105.1, 105.1, 0.0); (282405.5, 4052289.5, 105.1, 105.1, 0.0);
(282425.5, 4052289.5, 105.2, 105.2, 0.0); (282445.5, 4052289.5, 105.2, 105.2, 0.0);
(282465.5, 4052289.5, 105.2, 105.2, 0.0); (282485.5, 4052289.5, 105.3, 105.3, 0.0);
(282505.5, 4052289.5, 105.3, 105.3, 0.0); (282605.5, 4052289.5, 105.3, 105.3, 0.0);

(282625.5, 4052289.5, 105.3, 105.3, 0.0); (282645.5, 4052289.5, 105.3, 105.3, 0.0);
(282665.5, 4052289.5, 105.3, 105.3, 0.0); (282685.5, 4052289.5, 105.4, 105.4, 0.0);
(282705.5, 4052289.5, 105.4, 105.4, 0.0); (282725.5, 4052289.5, 105.4, 105.4, 0.0);
(282745.5, 4052289.5, 105.4, 105.4, 0.0); (282765.5, 4052289.5, 105.4, 105.4, 0.0);
(282785.5, 4052289.5, 105.4, 105.4, 0.0); (282805.5, 4052289.5, 105.4, 105.4, 0.0);
(282825.5, 4052289.5, 105.4, 105.4, 0.0); (282845.5, 4052289.5, 105.4, 105.4, 0.0);
(282865.5, 4052289.5, 105.5, 105.5, 0.0); (282885.5, 4052289.5, 105.5, 105.5, 0.0);
(282905.5, 4052289.5, 105.5, 105.5, 0.0); (282925.5, 4052289.5, 105.5, 105.5, 0.0);
(282945.5, 4052289.5, 105.5, 105.5, 0.0); (282965.5, 4052289.5, 105.5, 105.5, 0.0);
(282985.5, 4052289.5, 105.5, 105.5, 0.0); (283005.5, 4052289.5, 105.5, 105.5, 0.0);
(283025.5, 4052289.5, 105.5, 105.5, 0.0); (283045.5, 4052289.5, 105.4, 105.4, 0.0);
(283065.5, 4052289.5, 105.4, 105.4, 0.0); (283085.5, 4052289.5, 105.4, 105.4, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(283105.5, 4052289.5, 105.4, 105.4, 0.0); (283125.5, 4052289.5, 105.4, 105.4, 0.0);
(283145.5, 4052289.5, 105.4, 105.4, 0.0); (282145.5, 4052309.5, 104.5, 104.5, 0.0);
(282165.5, 4052309.5, 104.5, 104.5, 0.0); (282185.5, 4052309.5, 104.5, 104.5, 0.0);
(282205.5, 4052309.5, 104.5, 104.5, 0.0); (282225.5, 4052309.5, 104.6, 104.6, 0.0);
(282245.5, 4052309.5, 104.7, 104.7, 0.0); (282265.5, 4052309.5, 104.7, 104.7, 0.0);
(282285.5, 4052309.5, 104.8, 104.8, 0.0); (282305.5, 4052309.5, 104.9, 104.9, 0.0);
(282325.5, 4052309.5, 105.0, 105.0, 0.0); (282345.5, 4052309.5, 105.0, 105.0, 0.0);
(282365.5, 4052309.5, 105.1, 105.1, 0.0); (282385.5, 4052309.5, 105.1, 105.1, 0.0);
(282405.5, 4052309.5, 105.2, 105.2, 0.0); (282425.5, 4052309.5, 105.2, 105.2, 0.0);
(282445.5, 4052309.5, 105.2, 105.2, 0.0); (282465.5, 4052309.5, 105.3, 105.3, 0.0);
(282485.5, 4052309.5, 105.3, 105.3, 0.0); (282505.5, 4052309.5, 105.3, 105.3, 0.0);
(282605.5, 4052309.5, 105.3, 105.3, 0.0); (282625.5, 4052309.5, 105.3, 105.3, 0.0);
(282645.5, 4052309.5, 105.4, 105.4, 0.0); (282665.5, 4052309.5, 105.4, 105.4, 0.0);
(282685.5, 4052309.5, 105.4, 105.4, 0.0); (282705.5, 4052309.5, 105.4, 105.4, 0.0);
(282725.5, 4052309.5, 105.4, 105.4, 0.0); (282745.5, 4052309.5, 105.4, 105.4, 0.0);
(282765.5, 4052309.5, 105.4, 105.4, 0.0); (282785.5, 4052309.5, 105.5, 105.5, 0.0);
(282805.5, 4052309.5, 105.5, 105.5, 0.0); (282825.5, 4052309.5, 105.5, 105.5, 0.0);
(282845.5, 4052309.5, 105.5, 105.5, 0.0); (282865.5, 4052309.5, 105.5, 105.5, 0.0);
(282885.5, 4052309.5, 105.5, 105.5, 0.0); (282905.5, 4052309.5, 105.5, 105.5, 0.0);
(282925.5, 4052309.5, 105.5, 105.5, 0.0); (282945.5, 4052309.5, 105.5, 105.5, 0.0);
(282965.5, 4052309.5, 105.5, 105.5, 0.0); (282985.5, 4052309.5, 105.5, 105.5, 0.0);
(283005.5, 4052309.5, 105.5, 105.5, 0.0); (283025.5, 4052309.5, 105.5, 105.5, 0.0);
(283045.5, 4052309.5, 105.5, 105.5, 0.0); (283065.5, 4052309.5, 105.5, 105.5, 0.0);
(283085.5, 4052309.5, 105.5, 105.5, 0.0); (283105.5, 4052309.5, 105.4, 105.4, 0.0);
(283125.5, 4052309.5, 105.4, 105.4, 0.0); (283145.5, 4052309.5, 105.4, 105.4, 0.0);
(282145.5, 4052329.5, 104.5, 104.5, 0.0); (282165.5, 4052329.5, 104.5, 104.5, 0.0);
(282185.5, 4052329.5, 104.5, 104.5, 0.0); (282205.5, 4052329.5, 104.6, 104.6, 0.0);
(282225.5, 4052329.5, 104.6, 104.6, 0.0); (282245.5, 4052329.5, 104.7, 104.7, 0.0);
(282265.5, 4052329.5, 104.8, 104.8, 0.0); (282285.5, 4052329.5, 104.8, 104.8, 0.0);
(282305.5, 4052329.5, 104.9, 104.9, 0.0); (282325.5, 4052329.5, 105.0, 105.0, 0.0);
(282345.5, 4052329.5, 105.0, 105.0, 0.0); (282365.5, 4052329.5, 105.1, 105.1, 0.0);
(282385.5, 4052329.5, 105.2, 105.2, 0.0); (282405.5, 4052329.5, 105.2, 105.2, 0.0);
(282425.5, 4052329.5, 105.2, 105.2, 0.0); (282445.5, 4052329.5, 105.3, 105.3, 0.0);
(282465.5, 4052329.5, 105.3, 105.3, 0.0); (282485.5, 4052329.5, 105.3, 105.3, 0.0);

(282505.5, 4052329.5, 105.3, 105.3, 0.0); (282525.5, 4052329.5, 105.3, 105.3, 0.0);
(282545.5, 4052329.5, 105.4, 105.4, 0.0); (282565.5, 4052329.5, 105.4, 105.4, 0.0);
(282585.5, 4052329.5, 105.4, 105.4, 0.0); (282605.5, 4052329.5, 105.4, 105.4, 0.0);
(282625.5, 4052329.5, 105.4, 105.4, 0.0); (282645.5, 4052329.5, 105.4, 105.4, 0.0);
(282665.5, 4052329.5, 105.4, 105.4, 0.0); (282685.5, 4052329.5, 105.4, 105.4, 0.0);
(282705.5, 4052329.5, 105.4, 105.4, 0.0); (282725.5, 4052329.5, 105.5, 105.5, 0.0);
(282745.5, 4052329.5, 105.5, 105.5, 0.0); (282765.5, 4052329.5, 105.5, 105.5, 0.0);
(282785.5, 4052329.5, 105.5, 105.5, 0.0); (282805.5, 4052329.5, 105.5, 105.5, 0.0);
(282825.5, 4052329.5, 105.5, 105.5, 0.0); (282845.5, 4052329.5, 105.5, 105.5, 0.0);
(282865.5, 4052329.5, 105.5, 105.5, 0.0); (282885.5, 4052329.5, 105.5, 105.5, 0.0);
(282905.5, 4052329.5, 105.5, 105.5, 0.0); (282925.5, 4052329.5, 105.5, 105.5, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282945.5, 4052329.5, 105.5, 105.5, 0.0); (282965.5, 4052329.5, 105.5, 105.5, 0.0);
(282985.5, 4052329.5, 105.5, 105.5, 0.0); (283005.5, 4052329.5, 105.5, 105.5, 0.0);
(283025.5, 4052329.5, 105.5, 105.5, 0.0); (283045.5, 4052329.5, 105.5, 105.5, 0.0);
(283065.5, 4052329.5, 105.5, 105.5, 0.0); (283085.5, 4052329.5, 105.5, 105.5, 0.0);
(283105.5, 4052329.5, 105.5, 105.5, 0.0); (283125.5, 4052329.5, 105.5, 105.5, 0.0);
(283145.5, 4052329.5, 105.4, 105.4, 0.0); (282145.5, 4052349.5, 104.5, 104.5, 0.0);
(282165.5, 4052349.5, 104.5, 104.5, 0.0); (282185.5, 4052349.5, 104.5, 104.5, 0.0);
(282205.5, 4052349.5, 104.6, 104.6, 0.0); (282225.5, 4052349.5, 104.6, 104.6, 0.0);
(282245.5, 4052349.5, 104.7, 104.7, 0.0); (282265.5, 4052349.5, 104.8, 104.8, 0.0);
(282285.5, 4052349.5, 104.8, 104.8, 0.0); (282305.5, 4052349.5, 104.9, 104.9, 0.0);
(282325.5, 4052349.5, 105.0, 105.0, 0.0); (282345.5, 4052349.5, 105.1, 105.1, 0.0);
(282365.5, 4052349.5, 105.1, 105.1, 0.0); (282385.5, 4052349.5, 105.2, 105.2, 0.0);
(282405.5, 4052349.5, 105.2, 105.2, 0.0); (282425.5, 4052349.5, 105.3, 105.3, 0.0);
(282445.5, 4052349.5, 105.3, 105.3, 0.0); (282465.5, 4052349.5, 105.3, 105.3, 0.0);
(282485.5, 4052349.5, 105.3, 105.3, 0.0); (282505.5, 4052349.5, 105.4, 105.4, 0.0);
(282525.5, 4052349.5, 105.4, 105.4, 0.0); (282545.5, 4052349.5, 105.4, 105.4, 0.0);
(282565.5, 4052349.5, 105.4, 105.4, 0.0); (282585.5, 4052349.5, 105.4, 105.4, 0.0);
(282605.5, 4052349.5, 105.4, 105.4, 0.0); (282625.5, 4052349.5, 105.4, 105.4, 0.0);
(282645.5, 4052349.5, 105.4, 105.4, 0.0); (282665.5, 4052349.5, 105.4, 105.4, 0.0);
(282685.5, 4052349.5, 105.5, 105.5, 0.0); (282705.5, 4052349.5, 105.5, 105.5, 0.0);
(282725.5, 4052349.5, 105.5, 105.5, 0.0); (282745.5, 4052349.5, 105.5, 105.5, 0.0);
(282765.5, 4052349.5, 105.5, 105.5, 0.0); (282785.5, 4052349.5, 105.5, 105.5, 0.0);
(282805.5, 4052349.5, 105.6, 105.6, 0.0); (282825.5, 4052349.5, 105.6, 105.6, 0.0);
(282845.5, 4052349.5, 105.6, 105.6, 0.0); (282865.5, 4052349.5, 105.6, 105.6, 0.0);
(282885.5, 4052349.5, 105.6, 105.6, 0.0); (282905.5, 4052349.5, 105.6, 105.6, 0.0);
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(282965.5, 4052349.5, 105.6, 105.6, 0.0); (282985.5, 4052349.5, 105.6, 105.6, 0.0);
(283005.5, 4052349.5, 105.6, 105.6, 0.0); (283025.5, 4052349.5, 105.6, 105.6, 0.0);
(283045.5, 4052349.5, 105.6, 105.6, 0.0); (283065.5, 4052349.5, 105.5, 105.5, 0.0);
(283085.5, 4052349.5, 105.5, 105.5, 0.0); (283105.5, 4052349.5, 105.5, 105.5, 0.0);
(283125.5, 4052349.5, 105.5, 105.5, 0.0); (283145.5, 4052349.5, 105.5, 105.5, 0.0);
(282145.5, 4052369.5, 104.6, 104.6, 0.0); (282165.5, 4052369.5, 104.6, 104.6, 0.0);
(282185.5, 4052369.5, 104.6, 104.6, 0.0); (282205.5, 4052369.5, 104.7, 104.7, 0.0);
(282225.5, 4052369.5, 104.7, 104.7, 0.0); (282245.5, 4052369.5, 104.8, 104.8, 0.0);
(282265.5, 4052369.5, 104.8, 104.8, 0.0); (282285.5, 4052369.5, 104.9, 104.9, 0.0);

(282305.5, 4052369.5, 105.0, 105.0, 0.0); (282325.5, 4052369.5, 105.0, 105.0, 0.0);
(282345.5, 4052369.5, 105.1, 105.1, 0.0); (282365.5, 4052369.5, 105.2, 105.2, 0.0);
(282385.5, 4052369.5, 105.2, 105.2, 0.0); (282405.5, 4052369.5, 105.3, 105.3, 0.0);
(282425.5, 4052369.5, 105.3, 105.3, 0.0); (282445.5, 4052369.5, 105.3, 105.3, 0.0);
(282465.5, 4052369.5, 105.3, 105.3, 0.0); (282485.5, 4052369.5, 105.4, 105.4, 0.0);
(282505.5, 4052369.5, 105.4, 105.4, 0.0); (282525.5, 4052369.5, 105.4, 105.4, 0.0);
(282545.5, 4052369.5, 105.4, 105.4, 0.0); (282565.5, 4052369.5, 105.4, 105.4, 0.0);
(282585.5, 4052369.5, 105.4, 105.4, 0.0); (282605.5, 4052369.5, 105.4, 105.4, 0.0);
(282625.5, 4052369.5, 105.4, 105.4, 0.0); (282645.5, 4052369.5, 105.5, 105.5, 0.0);
(282665.5, 4052369.5, 105.5, 105.5, 0.0); (282685.5, 4052369.5, 105.5, 105.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282705.5, 4052369.5, 105.5, 105.5, 0.0); (282725.5, 4052369.5, 105.5, 105.5, 0.0);
(282745.5, 4052369.5, 105.5, 105.5, 0.0); (282765.5, 4052369.5, 105.6, 105.6, 0.0);
(282785.5, 4052369.5, 105.6, 105.6, 0.0); (282805.5, 4052369.5, 105.6, 105.6, 0.0);
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(282905.5, 4052369.5, 105.6, 105.6, 0.0); (282925.5, 4052369.5, 105.7, 105.7, 0.0);
(282945.5, 4052369.5, 105.6, 105.6, 0.0); (282965.5, 4052369.5, 105.6, 105.6, 0.0);
(282985.5, 4052369.5, 105.6, 105.6, 0.0); (283005.5, 4052369.5, 105.6, 105.6, 0.0);
(283025.5, 4052369.5, 105.6, 105.6, 0.0); (283045.5, 4052369.5, 105.6, 105.6, 0.0);
(283065.5, 4052369.5, 105.6, 105.6, 0.0); (283085.5, 4052369.5, 105.6, 105.6, 0.0);
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(283085.5, 4052389.5, 105.6, 105.6, 0.0); (283105.5, 4052389.5, 105.6, 105.6, 0.0);

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(282145.5, 4052409.5, 104.8, 104.8, 0.0); (282165.5, 4052409.5, 104.8, 104.8, 0.0);
(282185.5, 4052409.5, 104.8, 104.8, 0.0); (282205.5, 4052409.5, 104.8, 104.8, 0.0);
(282225.5, 4052409.5, 104.9, 104.9, 0.0); (282245.5, 4052409.5, 104.9, 104.9, 0.0);
(282265.5, 4052409.5, 105.0, 105.0, 0.0); (282285.5, 4052409.5, 105.0, 105.0, 0.0);
(282305.5, 4052409.5, 105.1, 105.1, 0.0); (282325.5, 4052409.5, 105.1, 105.1, 0.0);
(282345.5, 4052409.5, 105.2, 105.2, 0.0); (282365.5, 4052409.5, 105.2, 105.2, 0.0);
(282385.5, 4052409.5, 105.3, 105.3, 0.0); (282405.5, 4052409.5, 105.3, 105.3, 0.0);
(282425.5, 4052409.5, 105.3, 105.3, 0.0); (282445.5, 4052409.5, 105.3, 105.3, 0.0);

*** AERMOD - VERSION 18081 *** *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282465.5, 4052409.5, 105.4, 105.4, 0.0); (282485.5, 4052409.5, 105.4, 105.4, 0.0);
(282505.5, 4052409.5, 105.4, 105.4, 0.0); (282525.5, 4052409.5, 105.4, 105.4, 0.0);
(282545.5, 4052409.5, 105.4, 105.4, 0.0); (282565.5, 4052409.5, 105.5, 105.5, 0.0);
(282585.5, 4052409.5, 105.5, 105.5, 0.0); (282605.5, 4052409.5, 105.5, 105.5, 0.0);
(282625.5, 4052409.5, 105.5, 105.5, 0.0); (282645.5, 4052409.5, 105.5, 105.5, 0.0);
(282665.5, 4052409.5, 105.5, 105.5, 0.0); (282685.5, 4052409.5, 105.6, 105.6, 0.0);
(282705.5, 4052409.5, 105.6, 105.6, 0.0); (282725.5, 4052409.5, 105.6, 105.6, 0.0);
(282745.5, 4052409.5, 105.6, 105.6, 0.0); (282765.5, 4052409.5, 105.6, 105.6, 0.0);
(282785.5, 4052409.5, 105.7, 105.7, 0.0); (282805.5, 4052409.5, 105.7, 105.7, 0.0);
(282825.5, 4052409.5, 105.7, 105.7, 0.0); (282845.5, 4052409.5, 105.7, 105.7, 0.0);
(282865.5, 4052409.5, 105.7, 105.7, 0.0); (282885.5, 4052409.5, 105.7, 105.7, 0.0);
(282905.5, 4052409.5, 105.7, 105.7, 0.0); (282925.5, 4052409.5, 105.8, 105.8, 0.0);
(282945.5, 4052409.5, 105.8, 105.8, 0.0); (282965.5, 4052409.5, 105.7, 105.7, 0.0);
(282985.5, 4052409.5, 105.7, 105.7, 0.0); (283005.5, 4052409.5, 105.7, 105.7, 0.0);
(283025.5, 4052409.5, 105.7, 105.7, 0.0); (283045.5, 4052409.5, 105.7, 105.7, 0.0);
(283065.5, 4052409.5, 105.7, 105.7, 0.0); (283085.5, 4052409.5, 105.6, 105.6, 0.0);
(283105.5, 4052409.5, 105.6, 105.6, 0.0); (283125.5, 4052409.5, 105.6, 105.6, 0.0);
(283145.5, 4052409.5, 105.6, 105.6, 0.0); (282145.5, 4052429.5, 104.9, 104.9, 0.0);
(282165.5, 4052429.5, 104.9, 104.9, 0.0); (282185.5, 4052429.5, 104.9, 104.9, 0.0);
(282205.5, 4052429.5, 104.9, 104.9, 0.0); (282225.5, 4052429.5, 105.0, 105.0, 0.0);
(282245.5, 4052429.5, 105.0, 105.0, 0.0); (282265.5, 4052429.5, 105.0, 105.0, 0.0);
(282285.5, 4052429.5, 105.1, 105.1, 0.0); (282305.5, 4052429.5, 105.1, 105.1, 0.0);
(282325.5, 4052429.5, 105.2, 105.2, 0.0); (282345.5, 4052429.5, 105.2, 105.2, 0.0);
(282365.5, 4052429.5, 105.3, 105.3, 0.0); (282385.5, 4052429.5, 105.3, 105.3, 0.0);
(282405.5, 4052429.5, 105.3, 105.3, 0.0); (282425.5, 4052429.5, 105.4, 105.4, 0.0);
(282445.5, 4052429.5, 105.4, 105.4, 0.0); (282465.5, 4052429.5, 105.4, 105.4, 0.0);
(282485.5, 4052429.5, 105.4, 105.4, 0.0); (282505.5, 4052429.5, 105.4, 105.4, 0.0);
(282525.5, 4052429.5, 105.5, 105.5, 0.0); (282545.5, 4052429.5, 105.5, 105.5, 0.0);
(282565.5, 4052429.5, 105.5, 105.5, 0.0); (282585.5, 4052429.5, 105.5, 105.5, 0.0);
(282605.5, 4052429.5, 105.5, 105.5, 0.0); (282625.5, 4052429.5, 105.5, 105.5, 0.0);
(282645.5, 4052429.5, 105.5, 105.5, 0.0); (282665.5, 4052429.5, 105.6, 105.6, 0.0);
(282685.5, 4052429.5, 105.6, 105.6, 0.0); (282705.5, 4052429.5, 105.6, 105.6, 0.0);
(282725.5, 4052429.5, 105.6, 105.6, 0.0); (282745.5, 4052429.5, 105.6, 105.6, 0.0);
(282765.5, 4052429.5, 105.7, 105.7, 0.0); (282785.5, 4052429.5, 105.7, 105.7, 0.0);
(282805.5, 4052429.5, 105.7, 105.7, 0.0); (282825.5, 4052429.5, 105.7, 105.7, 0.0);
(282845.5, 4052429.5, 105.8, 105.8, 0.0); (282865.5, 4052429.5, 105.8, 105.8, 0.0);
(282885.5, 4052429.5, 105.8, 105.8, 0.0); (282905.5, 4052429.5, 105.8, 105.8, 0.0);

(282925.5, 4052429.5, 105.8, 105.8, 0.0); (282945.5, 4052429.5, 105.8, 105.8, 0.0);
(282965.5, 4052429.5, 105.8, 105.8, 0.0); (282985.5, 4052429.5, 105.8, 105.8, 0.0);
(283005.5, 4052429.5, 105.8, 105.8, 0.0); (283025.5, 4052429.5, 105.8, 105.8, 0.0);
(283045.5, 4052429.5, 105.7, 105.7, 0.0); (283065.5, 4052429.5, 105.7, 105.7, 0.0);
(283085.5, 4052429.5, 105.7, 105.7, 0.0); (283105.5, 4052429.5, 105.7, 105.7, 0.0);
(283125.5, 4052429.5, 105.6, 105.6, 0.0); (283145.5, 4052429.5, 105.6, 105.6, 0.0);
(282145.5, 4052449.5, 105.0, 105.0, 0.0); (282165.5, 4052449.5, 105.0, 105.0, 0.0);
(282185.5, 4052449.5, 105.0, 105.0, 0.0); (282205.5, 4052449.5, 105.0, 105.0, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(282225.5, 4052449.5, 105.0, 105.0, 0.0); (282245.5, 4052449.5, 105.1, 105.1, 0.0);
(282265.5, 4052449.5, 105.1, 105.1, 0.0); (282285.5, 4052449.5, 105.1, 105.1, 0.0);
(282305.5, 4052449.5, 105.2, 105.2, 0.0); (282325.5, 4052449.5, 105.2, 105.2, 0.0);
(282345.5, 4052449.5, 105.3, 105.3, 0.0); (282365.5, 4052449.5, 105.3, 105.3, 0.0);
(282385.5, 4052449.5, 105.3, 105.3, 0.0); (282405.5, 4052449.5, 105.4, 105.4, 0.0);
(282425.5, 4052449.5, 105.4, 105.4, 0.0); (282445.5, 4052449.5, 105.4, 105.4, 0.0);
(282465.5, 4052449.5, 105.4, 105.4, 0.0); (282485.5, 4052449.5, 105.4, 105.4, 0.0);
(282505.5, 4052449.5, 105.5, 105.5, 0.0); (282525.5, 4052449.5, 105.5, 105.5, 0.0);
(282545.5, 4052449.5, 105.5, 105.5, 0.0); (282565.5, 4052449.5, 105.5, 105.5, 0.0);
(282585.5, 4052449.5, 105.5, 105.5, 0.0); (282605.5, 4052449.5, 105.5, 105.5, 0.0);
(282625.5, 4052449.5, 105.6, 105.6, 0.0); (282645.5, 4052449.5, 105.6, 105.6, 0.0);
(282665.5, 4052449.5, 105.6, 105.6, 0.0); (282685.5, 4052449.5, 105.6, 105.6, 0.0);
(282705.5, 4052449.5, 105.6, 105.6, 0.0); (282725.5, 4052449.5, 105.7, 105.7, 0.0);
(282745.5, 4052449.5, 105.7, 105.7, 0.0); (282765.5, 4052449.5, 105.7, 105.7, 0.0);
(282785.5, 4052449.5, 105.7, 105.7, 0.0); (282805.5, 4052449.5, 105.7, 105.7, 0.0);
(282825.5, 4052449.5, 105.8, 105.8, 0.0); (282845.5, 4052449.5, 105.8, 105.8, 0.0);
(282865.5, 4052449.5, 105.8, 105.8, 0.0); (282885.5, 4052449.5, 105.8, 105.8, 0.0);
(282905.5, 4052449.5, 105.8, 105.8, 0.0); (282925.5, 4052449.5, 105.8, 105.8, 0.0);
(282945.5, 4052449.5, 105.8, 105.8, 0.0); (282965.5, 4052449.5, 105.8, 105.8, 0.0);
(282985.5, 4052449.5, 105.8, 105.8, 0.0); (283005.5, 4052449.5, 105.8, 105.8, 0.0);
(283025.5, 4052449.5, 105.8, 105.8, 0.0); (283045.5, 4052449.5, 105.8, 105.8, 0.0);
(283065.5, 4052449.5, 105.7, 105.7, 0.0); (283085.5, 4052449.5, 105.7, 105.7, 0.0);
(283105.5, 4052449.5, 105.7, 105.7, 0.0); (283125.5, 4052449.5, 105.7, 105.7, 0.0);
(283145.5, 4052449.5, 105.6, 105.6, 0.0); (282145.5, 4052469.5, 105.0, 105.0, 0.0);
(282165.5, 4052469.5, 105.1, 105.1, 0.0); (282185.5, 4052469.5, 105.1, 105.1, 0.0);
(282205.5, 4052469.5, 105.1, 105.1, 0.0); (282225.5, 4052469.5, 105.1, 105.1, 0.0);
(282245.5, 4052469.5, 105.1, 105.1, 0.0); (282265.5, 4052469.5, 105.2, 105.2, 0.0);
(282285.5, 4052469.5, 105.2, 105.2, 0.0); (282305.5, 4052469.5, 105.2, 105.2, 0.0);
(282325.5, 4052469.5, 105.3, 105.3, 0.0); (282345.5, 4052469.5, 105.3, 105.3, 0.0);
(282365.5, 4052469.5, 105.4, 105.4, 0.0); (282385.5, 4052469.5, 105.4, 105.4, 0.0);
(282405.5, 4052469.5, 105.4, 105.4, 0.0); (282425.5, 4052469.5, 105.4, 105.4, 0.0);
(282445.5, 4052469.5, 105.5, 105.5, 0.0); (282465.5, 4052469.5, 105.5, 105.5, 0.0);
(282485.5, 4052469.5, 105.5, 105.5, 0.0); (282505.5, 4052469.5, 105.5, 105.5, 0.0);
(282525.5, 4052469.5, 105.5, 105.5, 0.0); (282545.5, 4052469.5, 105.5, 105.5, 0.0);
(282565.5, 4052469.5, 105.5, 105.5, 0.0); (282585.5, 4052469.5, 105.5, 105.5, 0.0);
(282605.5, 4052469.5, 105.6, 105.6, 0.0); (282625.5, 4052469.5, 105.6, 105.6, 0.0);
(282645.5, 4052469.5, 105.6, 105.6, 0.0); (282665.5, 4052469.5, 105.6, 105.6, 0.0);
(282685.5, 4052469.5, 105.6, 105.6, 0.0); (282705.5, 4052469.5, 105.7, 105.7, 0.0);

(282725.5, 4052469.5, 105.7, 105.7, 0.0); (282745.5, 4052469.5, 105.7, 105.7, 0.0);
(282765.5, 4052469.5, 105.7, 105.7, 0.0); (282785.5, 4052469.5, 105.8, 105.8, 0.0);
(282805.5, 4052469.5, 105.8, 105.8, 0.0); (282825.5, 4052469.5, 105.8, 105.8, 0.0);
(282845.5, 4052469.5, 105.8, 105.8, 0.0); (282865.5, 4052469.5, 105.8, 105.8, 0.0);
(282885.5, 4052469.5, 105.8, 105.8, 0.0); (282905.5, 4052469.5, 105.9, 105.9, 0.0);
(282925.5, 4052469.5, 105.9, 105.9, 0.0); (282945.5, 4052469.5, 105.9, 105.9, 0.0);
(282965.5, 4052469.5, 105.9, 105.9, 0.0); (282985.5, 4052469.5, 105.9, 105.9, 0.0);

*** AERMOD - VERSION 18081 *** *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley
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*** AERMET - VERSION 18081 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(283005.5, 4052469.5, 105.8, 105.8, 0.0); (283025.5, 4052469.5, 105.8, 105.8, 0.0);
(283045.5, 4052469.5, 105.8, 105.8, 0.0); (283065.5, 4052469.5, 105.8, 105.8, 0.0);
(283085.5, 4052469.5, 105.8, 105.8, 0.0); (283105.5, 4052469.5, 105.7, 105.7, 0.0);
(283125.5, 4052469.5, 105.7, 105.7, 0.0); (283145.5, 4052469.5, 105.7, 105.7, 0.0);
(282145.5, 4052489.5, 105.1, 105.1, 0.0); (282165.5, 4052489.5, 105.1, 105.1, 0.0);
(282185.5, 4052489.5, 105.1, 105.1, 0.0); (282205.5, 4052489.5, 105.1, 105.1, 0.0);
(282225.5, 4052489.5, 105.2, 105.2, 0.0); (282245.5, 4052489.5, 105.2, 105.2, 0.0);
(282265.5, 4052489.5, 105.2, 105.2, 0.0); (282285.5, 4052489.5, 105.2, 105.2, 0.0);
(282305.5, 4052489.5, 105.3, 105.3, 0.0); (282325.5, 4052489.5, 105.3, 105.3, 0.0);
(282345.5, 4052489.5, 105.3, 105.3, 0.0); (282365.5, 4052489.5, 105.4, 105.4, 0.0);
(282385.5, 4052489.5, 105.4, 105.4, 0.0); (282405.5, 4052489.5, 105.4, 105.4, 0.0);
(282425.5, 4052489.5, 105.5, 105.5, 0.0); (282445.5, 4052489.5, 105.5, 105.5, 0.0);
(282465.5, 4052489.5, 105.5, 105.5, 0.0); (282485.5, 4052489.5, 105.5, 105.5, 0.0);
(282505.5, 4052489.5, 105.5, 105.5, 0.0); (282525.5, 4052489.5, 105.5, 105.5, 0.0);
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(282585.5, 4052489.5, 105.6, 105.6, 0.0); (282605.5, 4052489.5, 105.6, 105.6, 0.0);
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(282785.5, 4052489.5, 105.8, 105.8, 0.0); (282805.5, 4052489.5, 105.8, 105.8, 0.0);
(282825.5, 4052489.5, 105.8, 105.8, 0.0); (282845.5, 4052489.5, 105.8, 105.8, 0.0);
(282865.5, 4052489.5, 105.8, 105.8, 0.0); (282885.5, 4052489.5, 105.9, 105.9, 0.0);
(282905.5, 4052489.5, 105.9, 105.9, 0.0); (282925.5, 4052489.5, 105.9, 105.9, 0.0);
(282945.5, 4052489.5, 105.9, 105.9, 0.0); (282965.5, 4052489.5, 105.9, 105.9, 0.0);
(282985.5, 4052489.5, 105.9, 105.9, 0.0); (283005.5, 4052489.5, 105.9, 105.9, 0.0);
(283025.5, 4052489.5, 105.9, 105.9, 0.0); (283045.5, 4052489.5, 105.8, 105.8, 0.0);
(283065.5, 4052489.5, 105.8, 105.8, 0.0); (283085.5, 4052489.5, 105.8, 105.8, 0.0);
(283105.5, 4052489.5, 105.8, 105.8, 0.0); (283125.5, 4052489.5, 105.7, 105.7, 0.0);
(283145.5, 4052489.5, 105.7, 105.7, 0.0); (282145.5, 4052509.5, 105.2, 105.2, 0.0);
(282165.5, 4052509.5, 105.2, 105.2, 0.0); (282185.5, 4052509.5, 105.2, 105.2, 0.0);
(282205.5, 4052509.5, 105.2, 105.2, 0.0); (282225.5, 4052509.5, 105.2, 105.2, 0.0);
(282245.5, 4052509.5, 105.3, 105.3, 0.0); (282265.5, 4052509.5, 105.3, 105.3, 0.0);
(282285.5, 4052509.5, 105.3, 105.3, 0.0); (282305.5, 4052509.5, 105.3, 105.3, 0.0);
(282325.5, 4052509.5, 105.4, 105.4, 0.0); (282345.5, 4052509.5, 105.4, 105.4, 0.0);
(282365.5, 4052509.5, 105.4, 105.4, 0.0); (282385.5, 4052509.5, 105.5, 105.5, 0.0);
(282405.5, 4052509.5, 105.5, 105.5, 0.0); (282425.5, 4052509.5, 105.5, 105.5, 0.0);
(282445.5, 4052509.5, 105.5, 105.5, 0.0); (282465.5, 4052509.5, 105.5, 105.5, 0.0);
(282485.5, 4052509.5, 105.5, 105.5, 0.0); (282505.5, 4052509.5, 105.5, 105.5, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Visalia_2007-2010.SFC

Met Version: 18081

Profile file: ..\Visalia_2007-2010.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93144

Upper air station no.: 23230

Name: UNKNOWN

Name: OAKLAND/WSO_AP

Year: 2007

Year: 2007

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD
HT	REF	TA	HT															

07	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	277.1	2.0
07	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	276.1	2.0
07	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	276.1	2.0
07	01	01	1	04	-12.9	0.148	-9.000	-9.000	-999.	136.	23.9	0.03	0.76	1.00	2.36	123.	10.0	274.1	2.0
07	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	273.1	2.0
07	01	01	1	06	-7.0	0.107	-9.000	-9.000	-999.	84.	15.9	0.03	0.76	1.00	1.76	122.	10.0	273.1	2.0
07	01	01	1	07	-13.0	0.147	-9.000	-9.000	-999.	136.	23.9	0.03	0.76	1.00	2.36	125.	10.0	272.1	2.0
07	01	01	1	08	-21.5	0.215	-9.000	-9.000	-999.	239.	50.9	0.03	0.76	0.63	3.36	143.	10.0	274.1	2.0
07	01	01	1	09	-3.9	0.188	-9.000	-9.000	-999.	196.	155.9	0.03	0.76	0.35	2.86	147.	10.0	275.1	2.0
07	01	01	1	10	8.5	0.205	0.216	0.011	42.	223.	-91.3	0.03	0.76	0.26	2.86	141.	10.0	276.1	2.0
07	01	01	1	11	15.9	0.263	0.316	0.012	72.	324.	-103.4	0.05	0.76	0.22	3.36	184.	10.0	276.1	2.0
07	01	01	1	12	19.7	-9.000	-9.000	-9.000	137.	-999.	-99999.0	0.03	0.76	0.21	0.00	0.	10.0	276.1	2.0
07	01	01	1	13	20.1	0.195	0.466	0.011	182.	206.	-33.3	0.04	0.76	0.21	2.36	163.	10.0	278.1	2.0
07	01	01	1	14	16.5	0.227	0.462	0.011	216.	259.	-63.9	0.04	0.76	0.22	2.86	169.	10.0	279.1	2.0
07	01	01	1	15	50.9	0.241	0.803	0.012	366.	285.	-24.9	0.04	0.76	0.25	2.86	162.	10.0	281.1	2.0
07	01	01	1	16	10.5	0.135	0.478	0.012	373.	124.	-20.9	0.03	0.76	0.35	1.76	224.	10.0	282.1	2.0
07	01	01	1	17	-1.4	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	0.61	0.00	0.	10.0	280.1	2.0
07	01	01	1	18	-13.3	0.151	-9.000	-9.000	-999.	141.	25.2	0.03	0.76	1.00	2.36	17.	10.0	278.1	2.0
07	01	01	1	19	-13.2	0.150	-9.000	-9.000	-999.	140.	24.9	0.03	0.76	1.00	2.36	34.	10.0	278.1	2.0
07	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	277.1	2.0
07	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	276.1	2.0
07	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	274.1	2.0
07	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	274.1	2.0
07	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.76	1.00	0.00	0.	10.0	274.1	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
07	01	01	01	10.0	1	-999.	-99.00	277.2	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 18081 *** *** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282145.48	4052109.51	3.66031	282165.48	4052109.51	3.86213
282185.48	4052109.51	4.08280	282205.48	4052109.51	4.32485
282225.48	4052109.51	4.59040	282245.48	4052109.51	4.88456
282265.48	4052109.51	5.21018	282285.48	4052109.51	5.57267
282305.48	4052109.51	5.97733	282325.48	4052109.51	6.43118
282345.48	4052109.51	6.94359	282365.48	4052109.51	7.52447
282385.48	4052109.51	8.18693	282405.48	4052109.51	8.94502
282425.48	4052109.51	9.82128	282845.48	4052109.51	76.93269
282865.48	4052109.51	53.49995	282885.48	4052109.51	39.56416
282905.48	4052109.51	30.59132	282925.48	4052109.51	24.45504
282945.48	4052109.51	20.05499	282965.48	4052109.51	16.78889
282985.48	4052109.51	14.28978	283005.48	4052109.51	12.33014
283025.48	4052109.51	10.76423	283045.48	4052109.51	9.48999
283065.48	4052109.51	8.43854	283085.48	4052109.51	7.56033
283105.48	4052109.51	6.81818	283125.48	4052109.51	6.18449
283145.48	4052109.51	5.63902	282145.48	4052129.51	3.92646
282165.48	4052129.51	4.15438	282185.48	4052129.51	4.40486
282205.48	4052129.51	4.68069	282225.48	4052129.51	4.98603
282245.48	4052129.51	5.32595	282265.48	4052129.51	5.70558
282285.48	4052129.51	6.13165	282305.48	4052129.51	6.61098
282325.48	4052129.51	7.15409	282345.48	4052129.51	7.77432
282365.48	4052129.51	8.48676	282385.48	4052129.51	9.31166
282405.48	4052129.51	10.27265	282425.48	4052129.51	11.40665
282845.48	4052129.51	60.74902	282865.48	4052129.51	43.10582
282885.48	4052129.51	32.48018	282905.48	4052129.51	25.52330
282925.48	4052129.51	20.68897	282945.48	4052129.51	17.17441
282965.48	4052129.51	14.52948	282985.48	4052129.51	12.48112
283005.48	4052129.51	10.85887	283025.48	4052129.51	9.54842
283045.48	4052129.51	8.47345	283065.48	4052129.51	7.57848
283085.48	4052129.51	6.82536	283105.48	4052129.51	6.18453
283125.48	4052129.51	5.63355	283145.48	4052129.51	5.15684
282145.48	4052149.51	4.15388	282165.48	4052149.51	4.40486
282185.48	4052149.51	4.68094	282205.48	4052149.51	4.98708
282225.48	4052149.51	5.32704	282245.48	4052149.51	5.70789
282265.48	4052149.51	6.13498	282285.48	4052149.51	6.61648
282305.48	4052149.51	7.16333	282325.48	4052149.51	7.78858
282345.48	4052149.51	8.50686	282365.48	4052149.51	9.33874
282385.48	4052149.51	10.31244	282405.48	4052149.51	11.46441
282425.48	4052149.51	12.84061	282845.48	4052149.51	43.03691
282865.48	4052149.51	32.16247	282885.48	4052149.51	25.18137

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** **

*** 10:40:25

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282905.48	4052149.51	20.36911	282925.48	4052149.51	16.88936
282945.48	4052149.51	14.27925	282965.48	4052149.51	12.26337
282985.48	4052149.51	10.66898	283005.48	4052149.51	9.38286
283025.48	4052149.51	8.32794	283045.48	4052149.51	7.45066
283065.48	4052149.51	6.71205	283085.48	4052149.51	6.08358
283105.48	4052149.51	5.54369	283125.48	4052149.51	5.07601
283145.48	4052149.51	4.66808	282145.48	4052169.51	4.33756
282165.48	4052169.51	4.60666	282185.48	4052169.51	4.90434
282205.48	4052169.51	5.23501	282225.48	4052169.51	5.60348
282245.48	4052169.51	6.01777	282265.48	4052169.51	6.48492
282285.48	4052169.51	7.01337	282305.48	4052169.51	7.61740
282325.48	4052169.51	8.31113	282345.48	4052169.51	9.11327
282365.48	4052169.51	10.04908	282385.48	4052169.51	11.15340
282405.48	4052169.51	12.47198	282425.48	4052169.51	14.06586
282845.48	4052169.51	30.65182	282865.48	4052169.51	23.93537
282885.48	4052169.51	19.40129	282905.48	4052169.51	16.13245
282925.48	4052169.51	13.66992	282945.48	4052169.51	11.76088
282965.48	4052169.51	10.24778	282985.48	4052169.51	9.02586
283005.48	4052169.51	8.02294	283025.48	4052169.51	7.18806
283045.48	4052169.51	6.48446	283065.48	4052169.51	5.88513
283085.48	4052169.51	5.36976	283105.48	4052169.51	4.92292
283125.48	4052169.51	4.53255	283145.48	4052169.51	4.18925
282145.48	4052189.51	4.48592	282165.48	4052189.51	4.77079
282185.48	4052189.51	5.08677	282205.48	4052189.51	5.43927
282225.48	4052189.51	5.83287	282245.48	4052189.51	6.27695
282265.48	4052189.51	6.77962	282285.48	4052189.51	7.35147
282305.48	4052189.51	8.00647	282325.48	4052189.51	8.76337
282345.48	4052189.51	9.64324	282365.48	4052189.51	10.67674
282385.48	4052189.51	11.90179	282405.48	4052189.51	13.37205
282425.48	4052189.51	15.16095	282845.48	4052189.51	23.26539
282865.48	4052189.51	18.68894	282885.48	4052189.51	15.43078
282905.48	4052189.51	13.05298	282925.48	4052189.51	11.23964
282945.48	4052189.51	9.80559	282965.48	4052189.51	8.64410
282985.48	4052189.51	7.68814	283005.48	4052189.51	6.89145
283025.48	4052189.51	6.22016	283045.48	4052189.51	5.64883
283065.48	4052189.51	5.15806	283085.48	4052189.51	4.73290
283105.48	4052189.51	4.36174	283125.48	4052189.51	4.03547
283145.48	4052189.51	3.74684	282145.48	4052209.51	4.61775
282165.48	4052209.51	4.91850	282185.48	4052209.51	5.25310
282205.48	4052209.51	5.62760	282225.48	4052209.51	6.04779

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** **

*** 10:40:25

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282245.48	4052209.51	6.52296	282265.48	4052209.51	7.06283
282285.48	4052209.51	7.68007	282305.48	4052209.51	8.38885
282325.48	4052209.51	9.21053	282605.48	4052209.51	63.58167
282625.48	4052209.51	68.87657	282645.48	4052209.51	72.32586
282665.48	4052209.51	73.25633	282685.48	4052209.51	71.53084
282705.48	4052209.51	67.37644	282725.48	4052209.51	61.13667
282745.48	4052209.51	52.98817	282765.48	4052209.51	43.99941
282785.48	4052209.51	36.08520	282805.48	4052209.51	29.16627
282825.48	4052209.51	23.33654	282845.48	4052209.51	18.76369
282865.48	4052209.51	15.37379	282885.48	4052209.51	12.85224
282905.48	4052209.51	10.96493	282925.48	4052209.51	9.52063
282945.48	4052209.51	8.37882	282965.48	4052209.51	7.44889
282985.48	4052209.51	6.67486	283005.48	4052209.51	6.02117
283025.48	4052209.51	5.46366	283045.48	4052209.51	4.98453
283065.48	4052209.51	4.56995	283085.48	4052209.51	4.20885
283105.48	4052209.51	3.89236	283125.48	4052209.51	3.61324
283145.48	4052209.51	3.36562	282145.48	4052229.51	4.75398
282165.48	4052229.51	5.07297	282185.48	4052229.51	5.42892
282205.48	4052229.51	5.82791	282225.48	4052229.51	6.27788
282245.48	4052229.51	6.78735	282265.48	4052229.51	7.36798
282285.48	4052229.51	8.03109	282305.48	4052229.51	8.79443
282325.48	4052229.51	9.67730	282605.48	4052229.51	50.30095
282625.48	4052229.51	52.40315	282645.48	4052229.51	53.35382
282665.48	4052229.51	52.88915	282685.48	4052229.51	50.97553
282705.48	4052229.51	47.59066	282725.48	4052229.51	42.88547
282745.48	4052229.51	37.32114	282765.48	4052229.51	31.89490
282785.48	4052229.51	27.13144	282805.48	4052229.51	22.78886
282825.48	4052229.51	18.94042	282845.48	4052229.51	15.69804
282865.48	4052229.51	13.09581	282885.48	4052229.51	11.06843
282905.48	4052229.51	9.50369	282925.48	4052229.51	8.29261
282945.48	4052229.51	7.33596	282965.48	4052229.51	6.55928
282985.48	4052229.51	5.91239	283005.48	4052229.51	5.36277
283025.48	4052229.51	4.88928	283045.48	4052229.51	4.47777
283065.48	4052229.51	4.11798	283085.48	4052229.51	3.80204
283105.48	4052229.51	3.52347	283125.48	4052229.51	3.27686
283145.48	4052229.51	3.05757	282145.48	4052249.51	4.90802
282165.48	4052249.51	5.24759	282185.48	4052249.51	5.62703
282205.48	4052249.51	6.05222	282225.48	4052249.51	6.53345
282245.48	4052249.51	7.07674	282265.48	4052249.51	7.69467
282285.48	4052249.51	8.39879	282305.48	4052249.51	9.20505

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*** AERMET - VERSION 18081 *** ***

*** 10:40:25

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282325.48	4052249.51	10.12935	282605.48	4052249.51	39.91093
282625.48	4052249.51	40.49693	282645.48	4052249.51	40.36435
282665.48	4052249.51	39.40323	282685.48	4052249.51	37.58468
282705.48	4052249.51	34.92167	282725.48	4052249.51	31.52351
282745.48	4052249.51	27.86270	282765.48	4052249.51	24.47430
282785.48	4052249.51	21.36462	282805.48	4052249.51	18.43093
282825.48	4052249.51	15.74462	282845.48	4052249.51	13.39214
282865.48	4052249.51	11.39206	282885.48	4052249.51	9.74534
282905.48	4052249.51	8.42077	282925.48	4052249.51	7.37137
282945.48	4052249.51	6.53930	282965.48	4052249.51	5.86791
282985.48	4052249.51	5.31271	283005.48	4052249.51	4.84253
283025.48	4052249.51	4.43652	283045.48	4052249.51	4.08099
283065.48	4052249.51	3.76685	283085.48	4052249.51	3.48778
283105.48	4052249.51	3.23909	283125.48	4052249.51	3.01697
283145.48	4052249.51	2.81818	282145.48	4052269.51	5.08282
282165.48	4052269.51	5.44293	282185.48	4052269.51	5.84476
282205.48	4052269.51	6.29452	282225.48	4052269.51	6.80116
282245.48	4052269.51	7.37097	282265.48	4052269.51	8.01406
282285.48	4052269.51	8.74043	282305.48	4052269.51	9.56185
282325.48	4052269.51	10.49202	282345.48	4052269.51	11.54200
282365.48	4052269.51	12.72388	282385.48	4052269.51	14.04927
282405.48	4052269.51	15.52173	282425.48	4052269.51	17.14173
282445.48	4052269.51	18.90446	282465.48	4052269.51	20.80179
282485.48	4052269.51	22.82076	282505.48	4052269.51	24.93572
282605.48	4052269.51	31.94177	282625.48	4052269.51	31.83503
282645.48	4052269.51	31.27299	282665.48	4052269.51	30.19580
282685.48	4052269.51	28.56717	282705.48	4052269.51	26.45600
282725.48	4052269.51	24.05898	282745.48	4052269.51	21.68893
282765.48	4052269.51	19.48397	282785.48	4052269.51	17.36052
282805.48	4052269.51	15.29562	282825.48	4052269.51	13.34855
282845.48	4052269.51	11.58901	282865.48	4052269.51	10.03965
282885.48	4052269.51	8.70377	282905.48	4052269.51	7.58035
282925.48	4052269.51	6.65819	282945.48	4052269.51	5.91352
282965.48	4052269.51	5.31250	282985.48	4052269.51	4.82042
283005.48	4052269.51	4.40867	283025.48	4052269.51	4.05614
283045.48	4052269.51	3.74824	283065.48	4052269.51	3.47523
283085.48	4052269.51	3.23065	283105.48	4052269.51	3.01020
283125.48	4052269.51	2.81087	283145.48	4052269.51	2.63041
282145.48	4052289.51	5.26913	282165.48	4052289.51	5.64594
282185.48	4052289.51	6.06448	282205.48	4052289.51	6.53127

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282225.48	4052289.51	7.05214	282245.48	4052289.51	7.63335
282265.48	4052289.51	8.28061	282285.48	4052289.51	9.00258
282305.48	4052289.51	9.80574	282325.48	4052289.51	10.69751
282345.48	4052289.51	11.68088	282365.48	4052289.51	12.75927
282385.48	4052289.51	13.92901	282405.48	4052289.51	15.18548
282425.48	4052289.51	16.51802	282445.48	4052289.51	17.91867
282465.48	4052289.51	19.37908	282485.48	4052289.51	20.88461
282505.48	4052289.51	22.39716	282605.48	4052289.51	25.87232
282625.48	4052289.51	25.46640	282645.48	4052289.51	24.75169
282665.48	4052289.51	23.69115	282685.48	4052289.51	22.27720
282705.48	4052289.51	20.63058	282725.48	4052289.51	18.95895
282745.48	4052289.51	17.39673	282765.48	4052289.51	15.90706
282785.48	4052289.51	14.41838	282805.48	4052289.51	12.93274
282825.48	4052289.51	11.49172	282845.48	4052289.51	10.14882
282865.48	4052289.51	8.93356	282885.48	4052289.51	7.85016
282905.48	4052289.51	6.90175	282925.48	4052289.51	6.09205
282945.48	4052289.51	5.41799	282965.48	4052289.51	4.86574
282985.48	4052289.51	4.41403	283005.48	4052289.51	4.04041
283025.48	4052289.51	3.72550	283045.48	4052289.51	3.45430
283065.48	4052289.51	3.21592	283085.48	4052289.51	3.00282
283105.48	4052289.51	2.80996	283125.48	4052289.51	2.63402
283145.48	4052289.51	2.47286	282145.48	4052309.51	5.44953
282165.48	4052309.51	5.83605	282185.48	4052309.51	6.26271
282205.48	4052309.51	6.73336	282225.48	4052309.51	7.25302
282245.48	4052309.51	7.82566	282265.48	4052309.51	8.45401
282285.48	4052309.51	9.14368	282305.48	4052309.51	9.89473
282325.48	4052309.51	10.70952	282345.48	4052309.51	11.58463
282365.48	4052309.51	12.51584	282385.48	4052309.51	13.49668
282405.48	4052309.51	14.51652	282425.48	4052309.51	15.56926
282445.48	4052309.51	16.65017	282465.48	4052309.51	17.75246
282485.48	4052309.51	18.85504	282505.48	4052309.51	19.90142
282605.48	4052309.51	21.22815	282625.48	4052309.51	20.69706
282645.48	4052309.51	19.94184	282665.48	4052309.51	18.95490
282685.48	4052309.51	17.77175	282705.48	4052309.51	16.52099
282725.48	4052309.51	15.34695	282745.48	4052309.51	14.27546
282765.48	4052309.51	13.23193	282785.48	4052309.51	12.16635
282805.48	4052309.51	11.08194	282825.48	4052309.51	10.00360
282845.48	4052309.51	8.96890	282865.48	4052309.51	8.00796
282885.48	4052309.51	7.12907	282905.48	4052309.51	6.33411
282925.48	4052309.51	5.62932	282945.48	4052309.51	5.02111

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282965.48	4052309.51	4.50914	282985.48	4052309.51	4.08470
283005.48	4052309.51	3.73382	283025.48	4052309.51	3.44142
283045.48	4052309.51	3.19391	283065.48	4052309.51	2.98027
283085.48	4052309.51	2.79207	283105.48	4052309.51	2.62324
283125.48	4052309.51	2.46953	283145.48	4052309.51	2.32813
282145.48	4052329.51	5.60639	282165.48	4052329.51	5.99320
282185.48	4052329.51	6.41556	282205.48	4052329.51	6.87671
282225.48	4052329.51	7.37868	282245.48	4052329.51	7.92276
282265.48	4052329.51	8.51067	282285.48	4052329.51	9.14166
282305.48	4052329.51	9.81502	282325.48	4052329.51	10.52685
282345.48	4052329.51	11.27143	282365.48	4052329.51	12.04281
282385.48	4052329.51	12.83392	282405.48	4052329.51	13.63757
282425.48	4052329.51	14.45415	282445.48	4052329.51	15.28110
282465.48	4052329.51	16.10701	282485.48	4052329.51	16.89821
282505.48	4052329.51	17.58660	282525.48	4052329.51	18.08009
282545.48	4052329.51	18.30987	282565.48	4052329.51	18.27825
282585.48	4052329.51	18.03798	282605.48	4052329.51	17.62575
282625.48	4052329.51	17.04730	282645.48	4052329.51	16.30784
282665.48	4052329.51	15.43097	282685.48	4052329.51	14.47738
282705.48	4052329.51	13.54469	282725.48	4052329.51	12.70227
282745.48	4052329.51	11.93201	282765.48	4052329.51	11.17353
282785.48	4052329.51	10.39418	282805.48	4052329.51	9.59205
282825.48	4052329.51	8.77858	282845.48	4052329.51	7.97786
282865.48	4052329.51	7.21546	282885.48	4052329.51	6.50288
282905.48	4052329.51	5.84191	282925.48	4052329.51	5.23638
282945.48	4052329.51	4.69443	282965.48	4052329.51	4.22273
282985.48	4052329.51	3.82184	283005.48	4052329.51	3.48599
283025.48	4052329.51	3.20577	283045.48	4052329.51	2.97079
283065.48	4052329.51	2.77134	283085.48	4052329.51	2.59914
283105.48	4052329.51	2.44761	283125.48	4052329.51	2.31172
283145.48	4052329.51	2.18781	282145.48	4052349.51	5.72531
282165.48	4052349.51	6.10125	282185.48	4052349.51	6.50777
282205.48	4052349.51	6.94513	282225.48	4052349.51	7.41440
282245.48	4052349.51	7.91416	282265.48	4052349.51	8.44367
282285.48	4052349.51	8.99979	282305.48	4052349.51	9.58052
282325.48	4052349.51	10.17838	282345.48	4052349.51	10.79026
282365.48	4052349.51	11.41126	282385.48	4052349.51	12.03521
282405.48	4052349.51	12.66363	282425.48	4052349.51	13.29749
282445.48	4052349.51	13.93102	282465.48	4052349.51	14.54381
282485.48	4052349.51	15.09172	282505.48	4052349.51	15.50929

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282525.48	4052349.51	15.73441	282545.48	4052349.51	15.74500
282565.48	4052349.51	15.56788	282585.48	4052349.51	15.24193
282605.48	4052349.51	14.78444	282625.48	4052349.51	14.20186
282645.48	4052349.51	13.51521	282665.48	4052349.51	12.76839
282685.48	4052349.51	12.02159	282705.48	4052349.51	11.32918
282725.48	4052349.51	10.70756	282745.48	4052349.51	10.12920
282765.48	4052349.51	9.55745	282785.48	4052349.51	8.97325
282805.48	4052349.51	8.37077	282825.48	4052349.51	7.75197
282845.48	4052349.51	7.13010	282865.48	4052349.51	6.52437
282885.48	4052349.51	5.94718	282905.48	4052349.51	5.40117
282925.48	4052349.51	4.88785	282945.48	4052349.51	4.41321
282965.48	4052349.51	3.98548	282985.48	4052349.51	3.61039
283005.48	4052349.51	3.28870	283025.48	4052349.51	3.01658
283045.48	4052349.51	2.78757	283065.48	4052349.51	2.59438
283085.48	4052349.51	2.42995	283105.48	4052349.51	2.28809
283125.48	4052349.51	2.16359	283145.48	4052349.51	2.05230
282145.48	4052369.51	5.79445	282165.48	4052369.51	6.15157
282185.48	4052369.51	6.53161	282205.48	4052369.51	6.93464
282225.48	4052369.51	7.35910	282245.48	4052369.51	7.80311
282265.48	4052369.51	8.26336	282285.48	4052369.51	8.73645
282305.48	4052369.51	9.22017	282325.48	4052369.51	9.70910
282345.48	4052369.51	10.20152	282365.48	4052369.51	10.69444
282385.48	4052369.51	11.18642	282405.48	4052369.51	11.68176
282425.48	4052369.51	12.17796	282445.48	4052369.51	12.66257
282465.48	4052369.51	13.10647	282485.48	4052369.51	13.46293
282505.48	4052369.51	13.68033	282525.48	4052369.51	13.72668
282545.48	4052369.51	13.60660	282565.48	4052369.51	13.34955
282585.48	4052369.51	12.98055	282605.48	4052369.51	12.51053
282625.48	4052369.51	11.95385	282645.48	4052369.51	11.34392
282665.48	4052369.51	10.72936	282685.48	4052369.51	10.15395
282705.48	4052369.51	9.63599	282725.48	4052369.51	9.16399
282745.48	4052369.51	8.71402	282765.48	4052369.51	8.26856
282785.48	4052369.51	7.81871	282805.48	4052369.51	7.35767
282825.48	4052369.51	6.88192	282845.48	4052369.51	6.39662
282865.48	4052369.51	5.91475	282885.48	4052369.51	5.44738
282905.48	4052369.51	4.99816	282925.48	4052369.51	4.56756
282945.48	4052369.51	4.15883	282965.48	4052369.51	3.77848
282985.48	4052369.51	3.43381	283005.48	4052369.51	3.12956
283025.48	4052369.51	2.86632	283045.48	4052369.51	2.64154

283065.48 4052369.51 2.45075 283085.48 4052369.51 2.28878
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 DMV\ *** 04/25/19
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***
 INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
283105.48	4052369.51	2.15050	283125.48	4052369.51	2.03124
283145.48	4052369.51	1.92689	282145.48	4052389.51	5.80904
282165.48	4052389.51	6.13908	282185.48	4052389.51	6.48490
282205.48	4052389.51	6.84546	282225.48	4052389.51	7.21779
282245.48	4052389.51	7.59976	282265.48	4052389.51	7.98857
282285.48	4052389.51	8.38088	282305.48	4052389.51	8.77507
282325.48	4052389.51	9.16933	282345.48	4052389.51	9.56287
282365.48	4052389.51	9.95466	282385.48	4052389.51	10.34854
282405.48	4052389.51	10.74449	282425.48	4052389.51	11.13484
282445.48	4052389.51	11.49996	282465.48	4052389.51	11.80637
282485.48	4052389.51	12.01267	282505.48	4052389.51	12.08531
282525.48	4052389.51	12.01470	282545.48	4052389.51	11.81679
282565.48	4052389.51	11.51633	282585.48	4052389.51	11.13058
282605.48	4052389.51	10.67163	282625.48	4052389.51	10.16209
282645.48	4052389.51	9.63988	282665.48	4052389.51	9.14627
282685.48	4052389.51	8.70484	282705.48	4052389.51	8.31095
282725.48	4052389.51	7.94302	282745.48	4052389.51	7.58350
282765.48	4052389.51	7.22674	282785.48	4052389.51	6.87088
282805.48	4052389.51	6.51038	282825.48	4052389.51	6.13916
282845.48	4052389.51	5.75773	282865.48	4052389.51	5.37329
282885.48	4052389.51	4.99450	282905.48	4052389.51	4.62565
282925.48	4052389.51	4.26697	282945.48	4052389.51	3.91966
282965.48	4052389.51	3.58760	282985.48	4052389.51	3.27727
283005.48	4052389.51	2.99504	283025.48	4052389.51	2.74416
283045.48	4052389.51	2.52550	283065.48	4052389.51	2.33693
283085.48	4052389.51	2.17547	283105.48	4052389.51	2.03747
283125.48	4052389.51	1.91920	283145.48	4052389.51	1.81710
282145.48	4052409.51	5.76910	282165.48	4052409.51	6.06621
282185.48	4052409.51	6.37198	282205.48	4052409.51	6.68566
282225.48	4052409.51	7.00330	282245.48	4052409.51	7.32348
282265.48	4052409.51	7.64424	282285.48	4052409.51	7.96430
282305.48	4052409.51	8.28338	282325.48	4052409.51	8.60065
282345.48	4052409.51	8.91759	282365.48	4052409.51	9.23581
282385.48	4052409.51	9.55708	282405.48	4052409.51	9.87661
282425.48	4052409.51	10.18098	282445.48	4052409.51	10.44586
282465.48	4052409.51	10.63882	282485.48	4052409.51	10.72866
282505.48	4052409.51	10.69844	282525.48	4052409.51	10.55221
282545.48	4052409.51	10.30880	282565.48	4052409.51	9.98809

282585.48 4052409.51 9.60470 282605.48 4052409.51 9.17466
282625.48 4052409.51 8.72472 282645.48 4052409.51 8.28992

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*** AERMET - VERSION 18081 *** ***

*** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282665.48	4052409.51	7.89879	282685.48	4052409.51	7.55821
282705.48	4052409.51	7.25238	282725.48	4052409.51	6.95898
282745.48	4052409.51	6.66614	282765.48	4052409.51	6.37426
282785.48	4052409.51	6.08548	282805.48	4052409.51	5.79673
282825.48	4052409.51	5.50205	282845.48	4052409.51	5.19919
282865.48	4052409.51	4.89117	282885.48	4052409.51	4.58370
282905.48	4052409.51	4.28124	282925.48	4052409.51	3.98368
282945.48	4052409.51	3.69103	282965.48	4052409.51	3.40528
282985.48	4052409.51	3.13096	283005.48	4052409.51	2.87423
283025.48	4052409.51	2.63985	283045.48	4052409.51	2.43034
283065.48	4052409.51	2.24609	283085.48	4052409.51	2.08586
283105.48	4052409.51	1.94750	283125.48	4052409.51	1.82839
283145.48	4052409.51	1.72579	282145.48	4052429.51	5.67698
282165.48	4052429.51	5.93730	282185.48	4052429.51	6.20148
282205.48	4052429.51	6.46695	282225.48	4052429.51	6.73278
282245.48	4052429.51	6.99641	282265.48	4052429.51	7.25804
282285.48	4052429.51	7.51800	282305.48	4052429.51	7.77763
282325.48	4052429.51	8.03672	282345.48	4052429.51	8.29756
282365.48	4052429.51	8.56214	282385.48	4052429.51	8.82749
282405.48	4052429.51	9.08418	282425.48	4052429.51	9.31441
282445.48	4052429.51	9.49291	282465.48	4052429.51	9.59251
282485.48	4052429.51	9.59356	282505.48	4052429.51	9.49156
282525.48	4052429.51	9.29770	282545.48	4052429.51	9.03018
282565.48	4052429.51	8.70597	282585.48	4052429.51	8.33976
282605.48	4052429.51	7.95042	282625.48	4052429.51	7.56445
282645.48	4052429.51	7.20927	282665.48	4052429.51	6.90059
282685.48	4052429.51	6.63443	282705.48	4052429.51	6.39170
282725.48	4052429.51	6.15316	282745.48	4052429.51	5.91106
282765.48	4052429.51	5.66831	282785.48	4052429.51	5.42912
282805.48	4052429.51	5.19265	282825.48	4052429.51	4.95425
282845.48	4052429.51	4.71041	282865.48	4052429.51	4.46163
282885.48	4052429.51	4.21154	282905.48	4052429.51	3.96298
282925.48	4052429.51	3.71667	282945.48	4052429.51	3.47151
282965.48	4052429.51	3.22814	282985.48	4052429.51	2.98943
283005.48	4052429.51	2.76012	283025.48	4052429.51	2.54506
283045.48	4052429.51	2.34796	283065.48	4052429.51	2.17077
283085.48	4052429.51	2.01389	283105.48	4052429.51	1.87627

283125.48 4052429.51 1.75647 283145.48 4052429.51 1.65256
282145.48 4052449.51 5.53833 282165.48 4052449.51 5.76171
282185.48 4052449.51 5.98443 282205.48 4052449.51 6.20523

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DMV\ *** 04/25/19

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282225.48	4052449.51	6.42443	282245.48	4052449.51	6.64047
282265.48	4052449.51	6.85436	282285.48	4052449.51	7.06801
282305.48	4052449.51	7.28247	282325.48	4052449.51	7.49911
282345.48	4052449.51	7.71997	282365.48	4052449.51	7.94316
282385.48	4052449.51	8.16196	282405.48	4052449.51	8.36310
282425.48	4052449.51	8.52691	282445.48	4052449.51	8.63064
282465.48	4052449.51	8.65462	282485.48	4052449.51	8.58942
282505.48	4052449.51	8.43893	282525.48	4052449.51	8.21719
282545.48	4052449.51	7.94109	282565.48	4052449.51	7.62615
282585.48	4052449.51	7.28772	282605.48	4052449.51	6.94522
282625.48	4052449.51	6.62124	282645.48	4052449.51	6.33419
282665.48	4052449.51	6.08965	282685.48	4052449.51	5.87805
282705.48	4052449.51	5.68118	282725.48	4052449.51	5.48392
282745.48	4052449.51	5.28155	282765.48	4052449.51	5.07733
282785.48	4052449.51	4.87611	282805.48	4052449.51	4.67857
282825.48	4052449.51	4.48176	282845.48	4052449.51	4.28237
282865.48	4052449.51	4.07947	282885.48	4052449.51	3.87461
282905.48	4052449.51	3.66980	282925.48	4052449.51	3.46564
282945.48	4052449.51	3.26115	282965.48	4052449.51	3.05555
282985.48	4052449.51	2.85028	283005.48	4052449.51	2.64845
283025.48	4052449.51	2.45442	283045.48	4052449.51	2.27224
283065.48	4052449.51	2.10482	283085.48	4052449.51	1.95345
283105.48	4052449.51	1.81845	283125.48	4052449.51	1.69926
283145.48	4052449.51	1.59465	282145.48	4052469.51	5.36174
282165.48	4052469.51	5.54962	282185.48	4052469.51	5.73488
282205.48	4052469.51	5.91713	282225.48	4052469.51	6.09695
282245.48	4052469.51	6.27563	282265.48	4052469.51	6.45315
282285.48	4052469.51	6.63182	282305.48	4052469.51	6.81395
282325.48	4052469.51	7.00055	282345.48	4052469.51	7.19044
282365.48	4052469.51	7.37867	282385.48	4052469.51	7.55531
282405.48	4052469.51	7.70500	282425.48	4052469.51	7.80889
282445.48	4052469.51	7.84885	282465.48	4052469.51	7.81309
282485.48	4052469.51	7.70016	282505.48	4052469.51	7.51879
282525.48	4052469.51	7.28381	282545.48	4052469.51	7.01088
282565.48	4052469.51	6.71470	282585.48	4052469.51	6.41063
282605.48	4052469.51	6.11613	282625.48	4052469.51	5.84814

282645.48 4052469.51 5.61693 282665.48 4052469.51 5.42132
282685.48 4052469.51 5.24978 282705.48 4052469.51 5.08697
282725.48 4052469.51 4.92165 282745.48 4052469.51 4.75083
282765.48 4052469.51 4.57766 282785.48 4052469.51 4.40637

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DMV\ *** 04/25/19

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*** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282805.48	4052469.51	4.23859	282825.48	4052469.51	4.07296
282845.48	4052469.51	3.90702	282865.48	4052469.51	3.73934
282885.48	4052469.51	3.57023	282905.48	4052469.51	3.40075
282925.48	4052469.51	3.23126	282945.48	4052469.51	3.06067
282965.48	4052469.51	2.88793	282985.48	4052469.51	2.71284
283005.48	4052469.51	2.53748	283025.48	4052469.51	2.36489
283045.48	4052469.51	2.19921	283065.48	4052469.51	2.04341
283085.48	4052469.51	1.89982	283105.48	4052469.51	1.76936
283125.48	4052469.51	1.65234	283145.48	4052469.51	1.54824
282145.48	4052489.51	5.15680	282165.48	4052489.51	5.31305
282185.48	4052489.51	5.46611	282205.48	4052489.51	5.61685
282225.48	4052489.51	5.76631	282245.48	4052489.51	5.91556
282265.48	4052489.51	6.06672	282285.48	4052489.51	6.22153
282305.48	4052489.51	6.38091	282325.48	4052489.51	6.54411
282345.48	4052489.51	6.70745	282365.48	4052489.51	6.86332
282385.48	4052489.51	6.99973	282405.48	4052489.51	7.10125
282425.48	4052489.51	7.15176	282445.48	4052489.51	7.13886
282465.48	4052489.51	7.05756	282485.48	4052489.51	6.91192
282505.48	4052489.51	6.71331	282525.48	4052489.51	6.47629
282545.48	4052489.51	6.21538	282565.48	4052489.51	5.94437
282585.48	4052489.51	5.67734	282605.48	4052489.51	5.42841
282625.48	4052489.51	5.20863	282645.48	4052489.51	5.02189
282665.48	4052489.51	4.86326	282685.48	4052489.51	4.72149
282705.48	4052489.51	4.58467	282725.48	4052489.51	4.44459
282745.48	4052489.51	4.29930	282765.48	4052489.51	4.15147
282785.48	4052489.51	4.00426	282805.48	4052489.51	3.85989
282825.48	4052489.51	3.71813	282845.48	4052489.51	3.57756
282865.48	4052489.51	3.43687	282885.48	4052489.51	3.29573
282905.48	4052489.51	3.15439	282925.48	4052489.51	3.01301
282945.48	4052489.51	2.87071	282965.48	4052489.51	2.72579
282985.48	4052489.51	2.57758	283005.48	4052489.51	2.42662
283025.48	4052489.51	2.27518	283045.48	4052489.51	2.12645
283065.48	4052489.51	1.98370	283085.48	4052489.51	1.84935
283105.48	4052489.51	1.72518	283125.48	4052489.51	1.61191
283145.48	4052489.51	1.50968	282145.48	4052509.51	4.93298

282165.48	4052509.51	5.06254	282185.48	4052509.51	5.19005
282205.48	4052509.51	5.31660	282225.48	4052509.51	5.44364
282245.48	4052509.51	5.57285	282265.48	4052509.51	5.70574
282285.48	4052509.51	5.84321	282305.48	4052509.51	5.98473
282325.48	4052509.51	6.12755	282345.48	4052509.51	6.26577

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
282365.48	4052509.51	6.38992	282385.48	4052509.51	6.48743
282405.48	4052509.51	6.54444	282425.48	4052509.51	6.54884
282445.48	4052509.51	6.49364	282465.48	4052509.51	6.37922
282485.48	4052509.51	6.21323	282505.48	4052509.51	6.00795
282525.48	4052509.51	5.77733	282545.48	4052509.51	5.53464
282565.48	4052509.51	5.29232	282585.48	4052509.51	5.06209
282605.48	4052509.51	4.85412	282625.48	4052509.51	4.67436
282645.48	4052509.51	4.52238	282665.48	4052509.51	4.39158
282685.48	4052509.51	4.27229	282705.48	4052509.51	4.15543
282725.48	4052509.51	4.03555	282745.48	4052509.51	3.91137
282765.48	4052509.51	3.78436	282785.48	4052509.51	3.65725
282805.48	4052509.51	3.53174	282825.48	4052509.51	3.40873
282845.48	4052509.51	3.28767	282865.48	4052509.51	3.16773
282885.48	4052509.51	3.04839	282905.48	4052509.51	2.92946
282925.48	4052509.51	2.81095	282945.48	4052509.51	2.69169
282965.48	4052509.51	2.57028	282985.48	4052509.51	2.44523
283005.48	4052509.51	2.31644	283025.48	4052509.51	2.18485
283045.48	4052509.51	2.05305	283065.48	4052509.51	1.92385
283085.48	4052509.51	1.79993	283105.48	4052509.51	1.68325
283125.48	4052509.51	1.57507	283145.48	4052509.51	1.47599
282762.32	4052038.14	52.57965	282761.66	4052060.61	72.30814
282761.00	4052077.13	93.03861			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
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282145.48	4052109.51	290.49452	(07121404)	282165.48	4052109.51	303.00180 (07121404)
282185.48	4052109.51	316.34280	(07121404)	282205.48	4052109.51	331.45563 (09120801)
282225.48	4052109.51	347.99883	(09120801)	282245.48	4052109.51	365.85211 (09120801)
282265.48	4052109.51	384.95924	(09120801)	282285.48	4052109.51	405.46481 (09120801)
282305.48	4052109.51	427.38856	(09120801)	282325.48	4052109.51	451.15262 (09010724)
282345.48	4052109.51	478.87803	(09010724)	282365.48	4052109.51	508.52928 (09010724)
282385.48	4052109.51	541.05894	(09022524)	282405.48	4052109.51	578.21353 (09022524)
282425.48	4052109.51	617.44883	(09022524)	282845.48	4052109.51	1198.08434 (09120918)
282865.48	4052109.51	1115.87571	(09010820)	282885.48	4052109.51	1025.28620 (10010218)
282905.48	4052109.51	942.60908	(08121924)	282925.48	4052109.51	866.79154 (08122524)
282945.48	4052109.51	800.35657	(08120417)	282965.48	4052109.51	741.85492 (07121804)
282985.48	4052109.51	688.26166	(07121804)	283005.48	4052109.51	642.06662 (07122219)
283025.48	4052109.51	599.43113	(07122219)	283045.48	4052109.51	559.44372 (07122219)
283065.48	4052109.51	525.19029	(08011419)	283085.48	4052109.51	494.03406 (08011419)
283105.48	4052109.51	465.05080	(08011419)	283125.48	4052109.51	439.11300 (08120317)
283145.48	4052109.51	416.27942	(08120317)	282145.48	4052129.51	291.58426 (07010707)
282165.48	4052129.51	304.44053	(07010707)	282185.48	4052129.51	318.30507 (07010707)
282205.48	4052129.51	333.24507	(07010707)	282225.48	4052129.51	349.42753 (07010707)
282245.48	4052129.51	367.05422	(07010707)	282265.48	4052129.51	386.24875 (07010707)
282285.48	4052129.51	407.47800	(07010822)	282305.48	4052129.51	431.08812 (07010822)
282325.48	4052129.51	456.95475	(07010822)	282345.48	4052129.51	485.45329 (07010822)
282365.48	4052129.51	516.84281	(07010822)	282385.48	4052129.51	551.49929 (07010822)
282405.48	4052129.51	589.59853	(07010822)	282425.48	4052129.51	631.79040 (07010822)
282845.48	4052129.51	1240.96014	(07011105)	282865.48	4052129.51	1134.08039 (07011105)
282885.48	4052129.51	1040.22859	(07011105)	282905.48	4052129.51	955.31765 (07011105)
282925.48	4052129.51	878.44089	(07011105)	282945.48	4052129.51	809.10202 (07011105)
282965.48	4052129.51	746.96433	(07011105)	282985.48	4052129.51	692.39048 (09120917)
283005.48	4052129.51	644.32166	(09120917)	283025.48	4052129.51	601.08025 (09120917)
283045.48	4052129.51	562.22599	(09120917)	283065.48	4052129.51	527.06559 (09120917)
283085.48	4052129.51	495.34044	(09120917)	283105.48	4052129.51	466.54711 (09120917)
283125.48	4052129.51	440.20981	(09120917)	283145.48	4052129.51	416.24697 (09120917)
282145.48	4052149.51	292.05110	(08122323)	282165.48	4052149.51	305.09283 (08122323)
282185.48	4052149.51	319.09246	(08122323)	282205.48	4052149.51	334.28606 (08122323)
282225.48	4052149.51	350.72030	(08122323)	282245.48	4052149.51	368.70386 (08122323)
282265.48	4052149.51	388.26546	(08122323)	282285.48	4052149.51	409.59865 (08122323)
282305.48	4052149.51	432.99870	(08122323)	282325.48	4052149.51	458.74424 (08122323)
282345.48	4052149.51	486.98316	(08122323)	282365.48	4052149.51	518.03340 (08122323)
282385.48	4052149.51	553.16109	(08010202)	282405.48	4052149.51	592.42003 (08010202)
282425.48	4052149.51	635.79601	(08010202)	282845.48	4052149.51	1107.63684 (08120418)
282865.48	4052149.51	1057.42114	(08120418)	282885.48	4052149.51	1001.51524 (08120418)

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*** AERMET - VERSION 18081 *** *** 10:40:25

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
282905.48	4052149.51	939.98558	(08120418)	282925.48	4052149.51	876.97907	(08120418)
282945.48	4052149.51	815.80965	(08120418)	282965.48	4052149.51	760.14016	(10022719)
282985.48	4052149.51	709.46872	(10022719)	283005.48	4052149.51	663.00634	(10022719)
283025.48	4052149.51	620.57524	(10022719)	283045.48	4052149.51	581.95598	(10022719)
283065.48	4052149.51	546.79058	(10022719)	283085.48	4052149.51	515.53255	(09010418)
283105.48	4052149.51	487.23569	(09010418)	283125.48	4052149.51	461.27585	(09010418)
283145.48	4052149.51	437.46341	(09010418)	282145.48	4052169.51	292.26661	(07011823)
282165.48	4052169.51	305.23561	(07011823)	282185.48	4052169.51	319.12127	(07011823)
282205.48	4052169.51	334.00583	(07011823)	282225.48	4052169.51	349.92783	(07011823)
282245.48	4052169.51	367.13497	(07011823)	282265.48	4052169.51	387.22951	(09010923)
282285.48	4052169.51	408.81774	(09010923)	282305.48	4052169.51	432.21269	(09010923)
282325.48	4052169.51	457.41416	(09010923)	282345.48	4052169.51	485.13591	(09120807)
282365.48	4052169.51	516.99656	(09120807)	282385.48	4052169.51	551.30137	(09120807)
282405.48	4052169.51	588.05813	(09120807)	282425.48	4052169.51	630.61903	(07011824)
282845.48	4052169.51	1066.05867	(09120722)	282865.48	4052169.51	992.70224	(09120722)
282885.48	4052169.51	931.23037	(09012301)	282905.48	4052169.51	879.42614	(10022823)
282925.48	4052169.51	831.54929	(10022823)	282945.48	4052169.51	780.59281	(10022823)
282965.48	4052169.51	727.67742	(10022823)	282985.48	4052169.51	678.58008	(09122622)
283005.48	4052169.51	642.60747	(09122622)	283025.48	4052169.51	607.26771	(09122622)
283045.48	4052169.51	573.11404	(09122622)	283065.48	4052169.51	540.50747	(09122622)
283085.48	4052169.51	509.65081	(09122622)	283105.48	4052169.51	480.63495	(09122622)
283125.48	4052169.51	453.45487	(09122622)	283145.48	4052169.51	429.23120	(08120418)
282145.48	4052189.51	291.15109	(09120807)	282165.48	4052189.51	303.88058	(09120807)
282185.48	4052189.51	317.26566	(09120807)	282205.48	4052189.51	331.55401	(07011824)
282225.48	4052189.51	348.39562	(07011824)	282245.48	4052189.51	366.23987	(07011824)
282265.48	4052189.51	384.97420	(07011824)	282285.48	4052189.51	405.18257	(08121804)
282305.48	4052189.51	428.69881	(08121804)	282325.48	4052189.51	453.20200	(08121804)
282345.48	4052189.51	479.53439	(08012404)	282365.48	4052189.51	509.68581	(08012404)
282385.48	4052189.51	541.75600	(08011703)	282405.48	4052189.51	577.86445	(08011703)
282425.48	4052189.51	616.78288	(07012304)	282845.48	4052189.51	906.11681	(10010818)
282865.48	4052189.51	888.31829	(07021823)	282885.48	4052189.51	853.66872	(08122521)
282905.48	4052189.51	816.06346	(08010902)	282925.48	4052189.51	775.38822	(08010902)
282945.48	4052189.51	736.83473	(07120802)	282965.48	4052189.51	700.30470	(09120722)
282985.48	4052189.51	662.13246	(09120722)	283005.48	4052189.51	622.81556	(09012301)
283025.48	4052189.51	585.29559	(09012301)	283045.48	4052189.51	555.77766	(10022823)
283065.48	4052189.51	528.07964	(10022823)	283085.48	4052189.51	499.86232	(10022823)
283105.48	4052189.51	471.79405	(10022823)	283125.48	4052189.51	444.36072	(10022823)
283145.48	4052189.51	417.89429	(10022823)	282145.48	4052209.51	289.31821	(08121804)
282165.48	4052209.51	301.66162	(08121804)	282185.48	4052209.51	314.27832	(08121804)
282205.48	4052209.51	329.27410	(08012404)	282225.48	4052209.51	345.14322	(08012404)

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** **

*** 10:40:25

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
282245.48	4052209.51	361.26278	(08012404)	282265.48	4052209.51	380.84787	(08011703)
282285.48	4052209.51	400.77823	(08011703)	282305.48	4052209.51	422.24755	(07012304)
282325.48	4052209.51	446.11829	(07012304)	282605.48	4052209.51	752.22782	(07011202)
282625.48	4052209.51	715.47905	(07011407)	282645.48	4052209.51	677.73904	(07120207)
282665.48	4052209.51	637.78344	(09020102)	282685.48	4052209.51	601.16738	(07012224)
282705.48	4052209.51	556.39110	(08011403)	282725.48	4052209.51	564.42693	(09021206)
282745.48	4052209.51	601.85507	(10021005)	282765.48	4052209.51	644.35612	(07011624)
282785.48	4052209.51	674.84089	(09122223)	282805.48	4052209.51	698.22738	(10121403)
282825.48	4052209.51	731.85172	(08021919)	282845.48	4052209.51	755.91730	(10120322)
282865.48	4052209.51	769.34546	(07020604)	282885.48	4052209.51	764.42680	(08011702)
282905.48	4052209.51	741.60198	(10010818)	282925.48	4052209.51	717.30997	(07021823)
282945.48	4052209.51	683.85353	(07021823)	282965.48	4052209.51	658.06081	(08122521)
282985.48	4052209.51	628.93980	(08122521)	283005.48	4052209.51	598.11903	(08010902)
283025.48	4052209.51	564.27571	(07120802)	283045.48	4052209.51	539.35133	(07120802)
283065.48	4052209.51	514.02715	(09120722)	283085.48	4052209.51	489.02380	(09120722)
283105.48	4052209.51	462.09235	(09120722)	283125.48	4052209.51	439.50249	(09012301)
283145.48	4052209.51	416.24489	(09012301)	282145.48	4052229.51	286.84500	(08011703)
282165.48	4052229.51	298.71510	(08011703)	282185.48	4052229.51	311.45249	(07012304)
282205.48	4052229.51	326.14253	(07012304)	282225.48	4052229.51	340.53887	(07012304)
282245.48	4052229.51	356.80350	(10121623)	282265.48	4052229.51	374.04172	(10121623)
282285.48	4052229.51	394.18111	(08020503)	282305.48	4052229.51	413.84588	(08020503)
282325.48	4052229.51	436.80087	(10123107)	282605.48	4052229.51	639.53912	(07120207)
282625.48	4052229.51	610.32621	(09020102)	282645.48	4052229.51	582.53225	(07011606)
282665.48	4052229.51	553.80128	(07122207)	282685.48	4052229.51	525.04678	(07011504)
282705.48	4052229.51	496.11942	(07011122)	282725.48	4052229.51	505.46250	(09010502)
282745.48	4052229.51	534.15962	(08120603)	282765.48	4052229.51	559.93770	(07120723)
282785.48	4052229.51	585.28141	(08010818)	282805.48	4052229.51	608.61376	(07011624)
282825.48	4052229.51	627.69085	(07012602)	282845.48	4052229.51	645.83459	(10121403)
282865.48	4052229.51	665.45528	(08021919)	282885.48	4052229.51	676.38167	(10120322)
282905.48	4052229.51	671.99738	(10010618)	282925.48	4052229.51	658.48130	(09012105)
282945.48	4052229.51	639.39389	(10122624)	282965.48	4052229.51	615.39193	(10010818)
282985.48	4052229.51	592.32455	(07021823)	283005.48	4052229.51	566.81772	(07021823)
283025.48	4052229.51	537.18975	(08122521)	283045.48	4052229.51	520.17249	(08122521)
283065.48	4052229.51	495.85373	(08122521)	283085.48	4052229.51	473.50531	(08010902)
283105.48	4052229.51	447.62808	(08010902)	283125.48	4052229.51	429.49474	(07120802)
283145.48	4052229.51	411.00511	(07120802)	282145.48	4052249.51	283.13177	(10121623)
282165.48	4052249.51	294.48335	(10121623)	282185.48	4052249.51	307.78322	(08020503)
282205.48	4052249.51	321.35399	(08020503)	282225.48	4052249.51	335.63869	(10123107)
282245.48	4052249.51	351.40112	(10123107)	282265.48	4052249.51	367.76189	(07010824)
282285.48	4052249.51	385.03242	(07011805)	282305.48	4052249.51	405.63067	(07011805)

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley
DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** **

*** 10:40:25

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)

282325.48	4052249.51	425.13087	(09011904)	282605.48	4052249.51	563.11365	(07011606)
282625.48	4052249.51	540.31446	(10120204)	282645.48	4052249.51	518.42557	(07012302)
282665.48	4052249.51	495.68342	(07012904)	282685.48	4052249.51	474.56855	(07011122)
282705.48	4052249.51	443.74163	(07121918)	282725.48	4052249.51	463.65011	(10020721)
282745.48	4052249.51	486.92499	(09010502)	282765.48	4052249.51	505.69477	(08012024)
282785.48	4052249.51	526.16226	(09011705)	282805.48	4052249.51	541.23342	(10021005)
282825.48	4052249.51	559.48843	(08013023)	282845.48	4052249.51	574.45527	(07011624)
282865.48	4052249.51	588.59631	(07012602)	282885.48	4052249.51	596.49716	(09122223)
282905.48	4052249.51	601.82158	(08021919)	282925.48	4052249.51	601.82300	(10120322)
282945.48	4052249.51	591.10620	(10010618)	282965.48	4052249.51	575.35956	(07020604)
282985.48	4052249.51	559.78187	(08011702)	283005.48	4052249.51	539.28364	(10122624)
283025.48	4052249.51	516.20746	(10010818)	283045.48	4052249.51	496.63070	(07021823)
283065.48	4052249.51	476.49713	(07021823)	283085.48	4052249.51	448.76646	(07021823)
283105.48	4052249.51	435.72512	(08122521)	283125.48	4052249.51	420.40815	(08122521)
283145.48	4052249.51	401.45510	(08010902)	282145.48	4052269.51	280.04072	(10123107)
282165.48	4052269.51	290.96321	(10123107)	282185.48	4052269.51	302.97414	(07010824)
282205.48	4052269.51	315.40020	(07010824)	282225.48	4052269.51	330.36236	(07011805)
282245.48	4052269.51	343.78367	(07011805)	282265.48	4052269.51	359.80409	(09011904)
282285.48	4052269.51	376.93189	(07011901)	282305.48	4052269.51	393.76914	(07012123)
282325.48	4052269.51	412.73856	(07011604)	282345.48	4052269.51	431.38059	(07011604)
282365.48	4052269.51	451.73422	(09011001)	282385.48	4052269.51	472.71181	(10012406)
282405.48	4052269.51	493.39510	(08121007)	282425.48	4052269.51	512.52712	(07010807)
282445.48	4052269.51	531.84230	(08121801)	282465.48	4052269.51	547.59682	(07121003)
282485.48	4052269.51	558.13898	(07122524)	282505.48	4052269.51	567.49615	(07011407)
282605.48	4052269.51	508.45798	(07122207)	282625.48	4052269.51	490.34481	(07010906)
282645.48	4052269.51	471.99290	(07010521)	282665.48	4052269.51	455.13444	(07011122)
282685.48	4052269.51	430.67828	(07121918)	282705.48	4052269.51	401.35503	(08020504)
282725.48	4052269.51	408.55468	(10122722)	282745.48	4052269.51	450.96912	(10020721)
282765.48	4052269.51	467.14535	(09010502)	282785.48	4052269.51	481.76287	(08012024)
282805.48	4052269.51	496.05213	(09021206)	282825.48	4052269.51	508.10843	(10021005)
282845.48	4052269.51	518.63337	(07020822)	282865.48	4052269.51	533.40872	(07011624)
282885.48	4052269.51	540.50336	(08010221)	282905.48	4052269.51	545.18511	(09122223)
282925.48	4052269.51	542.26783	(10121403)	282945.48	4052269.51	542.38787	(08021919)
282965.48	4052269.51	536.68740	(10120322)	282985.48	4052269.51	522.99624	(10010618)
283005.48	4052269.51	508.62329	(07020604)	283025.48	4052269.51	493.25635	(09012105)
283045.48	4052269.51	476.53756	(08011702)	283065.48	4052269.51	457.52076	(10122624)
283085.48	4052269.51	437.76398	(10010818)	283105.48	4052269.51	422.46883	(07021823)
283125.48	4052269.51	406.48427	(07021823)	283145.48	4052269.51	385.07793	(07021823)
282145.48	4052289.51	276.08135	(07011805)	282165.48	4052289.51	286.68389	(07011805)
282185.48	4052289.51	297.80192	(09011904)	282205.48	4052289.51	309.17472	(07011901)

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** AERMET - VERSION 18081 *** **

*** 10:40:25

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
282225.48	4052289.51	323.34077 (07011901)	282245.48	4052289.51	336.64856 (07012123)
282265.48	4052289.51	351.16459 (07011604)	282285.48	4052289.51	366.62978 (07011604)
282305.48	4052289.51	382.13949 (07010522)	282325.48	4052289.51	399.27124 (09011001)
282345.48	4052289.51	416.29127 (10012406)	282365.48	4052289.51	433.26998 (08121007)
282385.48	4052289.51	451.51995 (07010807)	282405.48	4052289.51	468.58154 (08121801)
282425.48	4052289.51	483.97921 (07121003)	282445.48	4052289.51	498.30101 (07011202)
282465.48	4052289.51	509.32214 (07011407)	282485.48	4052289.51	517.95261 (07011605)
282505.48	4052289.51	520.07245 (10120201)	282605.48	4052289.51	467.70343 (07011504)
282625.48	4052289.51	451.91626 (07022405)	282645.48	4052289.51	437.54503 (07011122)
282665.48	4052289.51	417.61444 (09120603)	282685.48	4052289.51	384.61696 (08022903)
282705.48	4052289.51	380.59377 (07122705)	282725.48	4052289.51	384.66631 (07021324)
282745.48	4052289.51	406.81522 (10020721)	282765.48	4052289.51	435.91074 (10020721)
282785.48	4052289.51	447.99320 (09010502)	282805.48	4052289.51	458.78761 (08012024)
282825.48	4052289.51	469.68054 (09021206)	282845.48	4052289.51	478.21372 (07120723)
282865.48	4052289.51	486.76727 (10021005)	282885.48	4052289.51	495.82324 (08013023)
282905.48	4052289.51	503.13069 (07011624)	282925.48	4052289.51	503.02242 (07012602)
282945.48	4052289.51	499.65693 (09122223)	282965.48	4052289.51	487.77460 (10121403)
282985.48	4052289.51	489.10253 (08021919)	283005.48	4052289.51	480.47645 (10120322)
283025.48	4052289.51	465.48139 (10010618)	283045.48	4052289.51	453.33778 (10010618)
283065.48	4052289.51	439.07534 (09012105)	283085.48	4052289.51	425.18749 (08011702)
283105.48	4052289.51	409.23516 (10122624)	283125.48	4052289.51	392.19864 (10010818)
283145.48	4052289.51	375.63141 (10010818)	282145.48	4052309.51	270.96782 (07011901)
282165.48	4052309.51	281.44749 (07011901)	282185.48	4052309.51	292.17530 (07012123)
282205.48	4052309.51	303.45898 (07011604)	282225.48	4052309.51	316.27491 (07011604)
282245.48	4052309.51	328.63321 (07010522)	282265.48	4052309.51	342.21083 (09011001)
282285.48	4052309.51	356.03731 (10012406)	282305.48	4052309.51	370.43777 (08121007)
282325.48	4052309.51	385.47758 (08012906)	282345.48	4052309.51	400.77672 (07010807)
282365.48	4052309.51	415.69437 (08121801)	282385.48	4052309.51	429.71649 (07121003)
282405.48	4052309.51	445.01113 (07011202)	282425.48	4052309.51	455.98843 (08021605)
282445.48	4052309.51	466.02803 (07011407)	282465.48	4052309.51	475.43563 (07120207)
282485.48	4052309.51	480.40060 (07011902)	282505.48	4052309.51	480.97726 (08121803)
282605.48	4052309.51	434.68936 (07022405)	282625.48	4052309.51	422.14037 (07011222)
282645.48	4052309.51	405.37549 (09120603)	282665.48	4052309.51	372.57608 (07121918)
282685.48	4052309.51	364.16000 (08020501)	282705.48	4052309.51	362.20282 (08011720)
282725.48	4052309.51	364.98021 (08020504)	282745.48	4052309.51	369.05496 (08012103)
282765.48	4052309.51	401.49770 (10020721)	282785.48	4052309.51	419.84173 (10020721)
282805.48	4052309.51	429.24051 (09010502)	282825.48	4052309.51	437.74051 (08012024)
282845.48	4052309.51	445.72808 (09021206)	282865.48	4052309.51	453.49211 (09011705)
282885.48	4052309.51	460.26406 (10021005)	282905.48	4052309.51	463.36238 (07020822)
282925.48	4052309.51	468.16299 (07011624)	282945.48	4052309.51	464.22449 (08010221)

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley DMV\ *** 04/25/19

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
282965.48	4052309.51	459.60904	(07012602)	282985.48	4052309.51	452.49015	(09122223)
283005.48	4052309.51	436.56055	(08021919)	283025.48	4052309.51	441.98776	(08021919)
283045.48	4052309.51	432.06808	(10120322)	283065.48	4052309.51	416.76676	(10010618)
283085.48	4052309.51	407.27396	(10010618)	283105.48	4052309.51	392.81449	(07020604)
283125.48	4052309.51	380.52827	(08011702)	283145.48	4052309.51	368.39675	(08011702)
282145.48	4052329.51	265.92424	(07011604)	282165.48	4052329.51	276.54000	(07011604)
282185.48	4052329.51	286.11752	(07010522)	282205.48	4052329.51	296.51069	(09011001)
282225.48	4052329.51	308.19448	(09011001)	282245.48	4052329.51	320.29555	(10012406)
282265.48	4052329.51	332.65390	(08121007)	282285.48	4052329.51	345.33024	(08012906)
282305.48	4052329.51	358.34832	(07010807)	282325.48	4052329.51	371.40603	(08121801)
282345.48	4052329.51	383.99100	(08012005)	282365.48	4052329.51	398.24318	(07011202)
282385.48	4052329.51	407.63229	(08021605)	282405.48	4052329.51	421.09891	(07011407)
282425.48	4052329.51	431.31696	(07011605)	282445.48	4052329.51	438.52552	(10120201)
282465.48	4052329.51	444.58223	(09020102)	282485.48	4052329.51	448.09885	(08121803)
282505.48	4052329.51	447.62665	(07011606)	282525.48	4052329.51	444.02963	(07122207)
282545.48	4052329.51	437.45241	(07010906)	282565.48	4052329.51	428.16719	(07011504)
282585.48	4052329.51	418.78632	(07022405)	282605.48	4052329.51	408.14283	(07011222)
282625.48	4052329.51	393.68380	(09120603)	282645.48	4052329.51	367.85361	(07121918)
282665.48	4052329.51	353.56487	(07022404)	282685.48	4052329.51	349.07034	(08020501)
282705.48	4052329.51	346.18508	(07011120)	282725.48	4052329.51	347.98198	(07122705)
282745.48	4052329.51	349.62981	(07021324)	282765.48	4052329.51	354.27652	(10020721)
282785.48	4052329.51	392.62774	(10020721)	282805.48	4052329.51	403.52144	(10020721)
282825.48	4052329.51	411.68890	(09010502)	282845.48	4052329.51	418.60858	(08012024)
282865.48	4052329.51	424.49413	(08120603)	282885.48	4052329.51	430.99350	(09011705)
282905.48	4052329.51	434.73193	(10021005)	282925.48	4052329.51	434.19353	(07020822)
282945.48	4052329.51	436.56815	(08013023)	282965.48	4052329.51	432.95281	(07011624)
282985.48	4052329.51	428.34174	(07012602)	283005.48	4052329.51	421.01012	(09122223)
283025.48	4052329.51	410.17022	(10121403)	283045.48	4052329.51	398.97240	(08021919)
283065.48	4052329.51	400.57473	(08021919)	283085.48	4052329.51	390.36847	(10120322)
283105.48	4052329.51	375.66926	(10120322)	283125.48	4052329.51	367.92198	(10010618)
283145.48	4052329.51	355.31683	(07020604)	282145.48	4052349.51	260.95937	(07010522)
282165.48	4052349.51	270.72711	(09011001)	282185.48	4052349.51	280.04103	(10012406)
282205.48	4052349.51	289.42261	(08121007)	282225.48	4052349.51	300.33119	(08121007)
282245.48	4052349.51	311.40768	(08012906)	282265.48	4052349.51	322.68138	(07010807)
282285.48	4052349.51	334.06900	(08121801)	282305.48	4052349.51	345.50972	(08012005)
282325.48	4052349.51	357.51340	(07011202)	282345.48	4052349.51	366.90927	(07122524)
282365.48	4052349.51	379.02538	(08021605)	282385.48	4052349.51	388.48810	(10013124)
282405.48	4052349.51	399.05399	(07011605)	282425.48	4052349.51	406.71281	(07011902)
282445.48	4052349.51	413.09397	(09020102)	282465.48	4052349.51	417.51401	(08121803)
282485.48	4052349.51	419.70147	(07012224)	282505.48	4052349.51	419.02242	(07122207)

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC (YYMMDDHH). It contains 50 rows of data points for PM10 concentration at various locations and times.

283025.48 4052369.51 370.89771 (08010221) 283045.48 4052369.51 366.60373 (07012602)
283065.48 4052369.51 358.51439 (09122223) 283085.48 4052369.51 348.95351 (10121403)

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DMV\ *** 04/25/19

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)

283105.48	4052369.51	333.84312	(10121403)	283125.48	4052369.51	335.30004	(08021919)
283145.48	4052369.51	332.45336	(08021919)	282145.48	4052389.51	251.02153	(08012906)
282165.48	4052389.51	258.56273	(07010807)	282185.48	4052389.51	266.98598	(07010807)
282205.48	4052389.51	275.92672	(08121801)	282225.48	4052389.51	284.89905	(08012005)
282245.48	4052389.51	293.65548	(07121003)	282265.48	4052389.51	303.43933	(07011202)
282285.48	4052389.51	310.50883	(08021605)	282305.48	4052389.51	320.88975	(07010106)
282325.48	4052389.51	328.93454	(10013124)	282345.48	4052389.51	339.17261	(07011605)
282365.48	4052389.51	346.99343	(10120201)	282385.48	4052389.51	353.93839	(07011902)
282405.48	4052389.51	360.64001	(07122201)	282425.48	4052389.51	365.98936	(07011606)
282445.48	4052389.51	370.20485	(07012224)	282465.48	4052389.51	372.89334	(07122207)
282485.48	4052389.51	373.98530	(08011403)	282505.48	4052389.51	373.88997	(07011504)
282525.48	4052389.51	371.17055	(07022405)	282545.48	4052389.51	368.04532	(07011122)
282565.48	4052389.51	361.29297	(09120603)	282585.48	4052389.51	346.75343	(07121918)
282605.48	4052389.51	321.75012	(07121918)	282625.48	4052389.51	317.44088	(07022404)
282645.48	4052389.51	313.84466	(07120404)	282665.48	4052389.51	311.25938	(08020706)
282685.48	4052389.51	309.25273	(08020501)	282705.48	4052389.51	306.84918	(09123023)
282725.48	4052389.51	305.17764	(07011120)	282745.48	4052389.51	305.77045	(07122705)
282765.48	4052389.51	306.35031	(10011104)	282785.48	4052389.51	307.68610	(08012103)
282805.48	4052389.51	314.69385	(10020721)	282825.48	4052389.51	346.00937	(10020721)
282845.48	4052389.51	357.99184	(10020721)	282865.48	4052389.51	361.35300	(08120202)
282885.48	4052389.51	364.59409	(09020403)	282905.48	4052389.51	367.70174	(08012024)
282925.48	4052389.51	368.08221	(08120603)	282945.48	4052389.51	368.95241	(09011705)
282965.48	4052389.51	366.65749	(07120723)	282985.48	4052389.51	361.23005	(10021005)
283005.48	4052389.51	358.84807	(10021718)	283025.48	4052389.51	356.27742	(08013023)
283045.48	4052389.51	349.48615	(07011624)	283065.48	4052389.51	342.88988	(07012602)
283085.48	4052389.51	334.13013	(07012602)	283105.48	4052389.51	328.58092	(09122223)
283125.48	4052389.51	318.22453	(10121403)	283145.48	4052389.51	304.02258	(08021919)
282145.48	4052409.51	245.03219	(07010807)	282165.48	4052409.51	253.06157	(08121801)
282185.48	4052409.51	261.00521	(08012005)	282205.48	4052409.51	268.77601	(07121003)
282225.48	4052409.51	277.52869	(07011202)	282245.48	4052409.51	283.39882	(07122524)
282265.48	4052409.51	292.70909	(08021605)	282285.48	4052409.51	301.05872	(07010106)
282305.48	4052409.51	309.87831	(07011605)	282325.48	4052409.51	317.94997	(07120207)
282345.48	4052409.51	324.75839	(07011902)	282365.48	4052409.51	332.20822	(09020102)
282385.48	4052409.51	338.75951	(08121803)	282405.48	4052409.51	344.38485	(07011606)
282425.48	4052409.51	348.23122	(07012224)	282445.48	4052409.51	351.96869	(07122207)
282465.48	4052409.51	354.13863	(08011403)	282485.48	4052409.51	355.94810	(07011504)

282505.48 4052409.51 354.50839 (08011804) 282525.48 4052409.51 353.08406 (07011122)
282545.48 4052409.51 349.42602 (09120603) 282565.48 4052409.51 338.55254 (07121918)
282585.48 4052409.51 318.87584 (07121918) 282605.48 4052409.51 305.08241 (07022720)
282625.48 4052409.51 303.08048 (07022404) 282645.48 4052409.51 301.06285 (07120404)

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DMV\ *** 04/25/19

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*** 10:40:25

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)

282665.48 4052409.51 299.00454 (08020706) 282685.48 4052409.51 297.49535 (08020501)
282705.48 4052409.51 295.38727 (09123023) 282725.48 4052409.51 293.51314 (07011120)
282745.48 4052409.51 293.14641 (08011720) 282765.48 4052409.51 294.49128 (08020504)
282785.48 4052409.51 294.78847 (07021324) 282805.48 4052409.51 296.03989 (08012103)
282825.48 4052409.51 315.61081 (10020721) 282845.48 4052409.51 338.38612 (10020721)
282865.48 4052409.51 345.53464 (10020721) 282885.48 4052409.51 348.26799 (09010502)
282905.48 4052409.51 350.08406 (09020403) 282925.48 4052409.51 351.27262 (08012024)
282945.48 4052409.51 350.07595 (08120603) 282965.48 4052409.51 350.21115 (09011705)
282985.48 4052409.51 347.06505 (07120723) 283005.48 4052409.51 341.69684 (10021005)
283025.48 4052409.51 338.43083 (10021718) 283045.48 4052409.51 335.26480 (08013023)
283065.48 4052409.51 330.22613 (07011624) 283085.48 4052409.51 321.56279 (08010221)
283105.48 4052409.51 316.33581 (07012602) 283125.48 4052409.51 308.84058 (09122223)
283145.48 4052409.51 300.42547 (10121403) 282145.48 4052429.51 240.36626 (08012005)
282165.48 4052429.51 247.12618 (07121003) 282185.48 4052429.51 254.84410 (07011202)
282205.48 4052429.51 260.04142 (07011202) 282225.48 4052429.51 268.41455 (08021605)
282245.48 4052429.51 276.32474 (07010106) 282265.48 4052429.51 282.54424 (10013124)
282285.48 4052429.51 291.58204 (07011605) 282305.48 4052429.51 297.97681 (10120201)
282325.48 4052429.51 305.98138 (07011902) 282345.48 4052429.51 311.67481 (09020102)
282365.48 4052429.51 318.74583 (08121803) 282385.48 4052429.51 324.49569 (07011606)
282405.48 4052429.51 328.18404 (10120204) 282425.48 4052429.51 332.48544 (07122207)
282445.48 4052429.51 335.33443 (07012302) 282465.48 4052429.51 338.16458 (07011504)
282485.48 4052429.51 338.15443 (07010521) 282505.48 4052429.51 337.82978 (07022405)
282525.48 4052429.51 336.59448 (08020606) 282545.48 4052429.51 329.89709 (09120603)
282565.48 4052429.51 314.64512 (07121918) 282585.48 4052429.51 293.30996 (08022904)
282605.48 4052429.51 292.43616 (07022404) 282625.48 4052429.51 290.41031 (07120920)
282645.48 4052429.51 288.93965 (09120305) 282665.48 4052429.51 287.13746 (08020706)
282685.48 4052429.51 286.34800 (08020501) 282705.48 4052429.51 284.41703 (09123023)
282725.48 4052429.51 282.23377 (07011120) 282745.48 4052429.51 282.16590 (08011720)
282765.48 4052429.51 283.19464 (07122705) 282785.48 4052429.51 282.55318 (10011104)
282805.48 4052429.51 283.45044 (08012103) 282825.48 4052429.51 282.81987 (10122722)
282845.48 4052429.51 313.48721 (10020721) 282865.48 4052429.51 329.58779 (10020721)
282885.48 4052429.51 331.87208 (10020721) 282905.48 4052429.51 335.23346 (09010502)
282925.48 4052429.51 335.19644 (09020403) 282945.48 4052429.51 334.79381 (08012024)
282965.48 4052429.51 333.21709 (09021206) 282985.48 4052429.51 332.48090 (09011705)

283005.48	4052429.51	328.79738	(07120723)	283025.48	4052429.51	323.57931	(10021005)
283045.48	4052429.51	319.39305	(10021718)	283065.48	4052429.51	315.43102	(08013023)
283085.48	4052429.51	311.66994	(07011624)	283105.48	4052429.51	301.92323	(08010221)
283125.48	4052429.51	298.20337	(07012602)	283145.48	4052429.51	289.00490	(07012602)
282145.48	4052449.51	234.86544	(07011202)	282165.48	4052449.51	240.69530	(07011202)
282185.48	4052449.51	246.41416	(08021605)	282205.48	4052449.51	253.42207	(07010106)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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282225.48	4052449.51	260.28483	(07010106)	282245.48	4052449.51	267.98641	(07011605)
282265.48	4052449.51	274.83980	(07120207)	282285.48	4052449.51	281.38735	(10120201)
282305.48	4052449.51	287.85636	(07011902)	282325.48	4052449.51	294.08403	(07122201)
282345.48	4052449.51	300.13991	(08121803)	282365.48	4052449.51	306.17637	(07011606)
282385.48	4052449.51	309.94033	(10120204)	282405.48	4052449.51	314.40403	(07122207)
282425.48	4052449.51	317.97270	(07012302)	282445.48	4052449.51	320.70840	(07011504)
282465.48	4052449.51	321.94611	(07010521)	282485.48	4052449.51	323.39106	(07022405)
282505.48	4052449.51	323.11493	(07011122)	282525.48	4052449.51	320.20169	(09120603)
282545.48	4052449.51	308.98539	(07121918)	282565.48	4052449.51	286.86870	(07121918)
282585.48	4052449.51	280.55785	(08022903)	282605.48	4052449.51	280.49793	(07022404)
282625.48	4052449.51	278.63259	(08010724)	282645.48	4052449.51	277.20645	(07120403)
282665.48	4052449.51	276.16170	(08012607)	282685.48	4052449.51	275.74137	(08020501)
282705.48	4052449.51	273.89907	(09123023)	282725.48	4052449.51	271.32106	(07011120)
282745.48	4052449.51	271.42408	(08011720)	282765.48	4052449.51	271.94690	(07122705)
282785.48	4052449.51	271.46737	(10011104)	282805.48	4052449.51	271.38674	(07021324)
282825.48	4052449.51	272.04923	(10122722)	282845.48	4052449.51	283.67488	(10020721)
282865.48	4052449.51	309.18937	(10020721)	282885.48	4052449.51	319.50570	(10020721)
282905.48	4052449.51	319.62036	(08120202)	282925.48	4052449.51	321.32804	(09010502)
282945.48	4052449.51	319.80266	(09020403)	282965.48	4052449.51	318.53182	(10021419)
282985.48	4052449.51	317.68396	(09021206)	283005.48	4052449.51	315.78267	(09011705)
283025.48	4052449.51	311.79514	(07120723)	283045.48	4052449.51	306.77834	(10021005)
283065.48	4052449.51	301.66111	(10021718)	283085.48	4052449.51	297.30403	(08010818)
283105.48	4052449.51	293.89626	(07011624)	283125.48	4052449.51	286.64682	(07011624)
283145.48	4052449.51	280.40137	(08010221)	282145.48	4052469.51	227.53190	(07122524)
282165.48	4052469.51	234.65863	(08021605)	282185.48	4052469.51	241.14980	(07010106)
282205.48	4052469.51	246.14050	(10013124)	282225.48	4052469.51	253.93011	(07011605)
282245.48	4052469.51	259.76097	(07120207)	282265.48	4052469.51	265.52516	(07011902)
282285.48	4052469.51	271.82453	(09020102)	282305.48	4052469.51	277.76363	(07122201)
282325.48	4052469.51	282.84661	(08121803)	282345.48	4052469.51	289.28826	(07011606)
282365.48	4052469.51	293.14812	(10120204)	282385.48	4052469.51	297.65191	(07122207)
282405.48	4052469.51	301.63149	(07012302)	282425.48	4052469.51	304.74226	(07010906)
282445.48	4052469.51	306.19436	(07012904)	282465.48	4052469.51	308.11195	(08011804)

282485.48	4052469.51	309.40755	(07011122)	282505.48	4052469.51	308.57425	(09120603)
282525.48	4052469.51	301.56329	(07121918)	282545.48	4052469.51	285.26830	(07121918)
282565.48	4052469.51	268.71394	(10021701)	282585.48	4052469.51	268.70052	(07022720)
282605.48	4052469.51	268.02557	(07022404)	282625.48	4052469.51	267.84386	(07120404)
282645.48	4052469.51	266.80667	(08010801)	282665.48	4052469.51	266.06617	(08012607)
282685.48	4052469.51	265.62061	(08020501)	282705.48	4052469.51	263.87191	(08022922)
282725.48	4052469.51	261.12620	(07021424)	282745.48	4052469.51	260.90342	(08011720)
282765.48	4052469.51	260.80539	(08011820)	282785.48	4052469.51	261.37414	(08020504)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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282805.48	4052469.51	261.02030	(07021324)	282825.48	4052469.51	261.28622	(08012103)
282845.48	4052469.51	258.58240	(09010108)	282865.48	4052469.51	284.37880	(10020721)
282885.48	4052469.51	303.07892	(10020721)	282905.48	4052469.51	307.77418	(10020721)
282925.48	4052469.51	307.96716	(08120202)	282945.48	4052469.51	307.43243	(08020819)
282965.48	4052469.51	306.56494	(08012024)	282985.48	4052469.51	304.56009	(08120603)
283005.48	4052469.51	302.90913	(09021206)	283025.48	4052469.51	300.08131	(09011705)
283045.48	4052469.51	295.98927	(07120723)	283065.48	4052469.51	291.20521	(10021005)
283085.48	4052469.51	285.15340	(10021718)	283105.48	4052469.51	281.38588	(08010818)
283125.48	4052469.51	278.23287	(08013023)	283145.48	4052469.51	272.92372	(07011624)
282145.48	4052489.51	223.17913	(07010106)	282165.48	4052489.51	227.83659	(07010106)
282185.48	4052489.51	234.70638	(07011605)	282205.48	4052489.51	240.28009	(07120207)
282225.48	4052489.51	245.92842	(10120201)	282245.48	4052489.51	252.09621	(07011902)
282265.48	4052489.51	257.36870	(09020102)	282285.48	4052489.51	262.38864	(07122201)
282305.48	4052489.51	267.41153	(09012703)	282325.48	4052489.51	273.70168	(07011606)
282345.48	4052489.51	277.68586	(10120204)	282365.48	4052489.51	282.14601	(07122207)
282385.48	4052489.51	286.29837	(07012302)	282405.48	4052489.51	289.60682	(07010906)
282425.48	4052489.51	291.51383	(07011504)	282445.48	4052489.51	294.08220	(08011804)
282465.48	4052489.51	295.64296	(09021302)	282485.48	4052489.51	296.49687	(08020606)
282505.48	4052489.51	293.02096	(09120603)	282525.48	4052489.51	281.77056	(07121918)
282545.48	4052489.51	258.43639	(07121918)	282565.48	4052489.51	257.65612	(08022904)
282585.48	4052489.51	258.30801	(07022404)	282605.48	4052489.51	257.36304	(07120920)
282625.48	4052489.51	257.53462	(07120404)	282645.48	4052489.51	256.83375	(08020706)
282665.48	4052489.51	256.38841	(08012607)	282685.48	4052489.51	255.94952	(08020501)
282705.48	4052489.51	254.30909	(08022922)	282725.48	4052489.51	251.52021	(08013002)
282745.48	4052489.51	251.47550	(09010501)	282765.48	4052489.51	250.38259	(08011820)
282785.48	4052489.51	251.64480	(08020504)	282805.48	4052489.51	250.59953	(10020722)
282825.48	4052489.51	250.08827	(08012103)	282845.48	4052489.51	249.85188	(10122722)
282865.48	4052489.51	255.93546	(10020721)	282885.48	4052489.51	282.61229	(10020721)
282905.48	4052489.51	295.17027	(10020721)	282925.48	4052489.51	294.11541	(10020721)
282945.48	4052489.51	296.16175	(09010502)	282965.48	4052489.51	294.77936	(09020403)

282985.48	4052489.51	293.56533	(08012024)	283005.48	4052489.51	290.98390	(08120603)
283025.48	4052489.51	288.86338	(09021206)	283045.48	4052489.51	285.35003	(09011705)
283065.48	4052489.51	281.29926	(07120723)	283085.48	4052489.51	276.76256	(10021005)
283105.48	4052489.51	269.79118	(10021718)	283125.48	4052489.51	266.60848	(10021718)
283145.48	4052489.51	263.97459	(08013023)	282145.48	4052509.51	216.80928	(10013124)
282165.48	4052509.51	223.53092	(07011605)	282185.48	4052509.51	228.56902	(07120207)
282205.48	4052509.51	233.55321	(10120201)	282225.48	4052509.51	238.98367	(07011902)
282245.48	4052509.51	243.54866	(09020102)	282265.48	4052509.51	249.26562	(08121803)
282285.48	4052509.51	253.62221	(09012703)	282305.48	4052509.51	259.29903	(07011606)
282325.48	4052509.51	263.42980	(10120204)	282345.48	4052509.51	267.79468	(07122207)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
-------------	-------------	------	------------	-------------	-------------	------	------------

282365.48	4052509.51	271.94267	(07012302)	282385.48	4052509.51	275.14684	(07010906)
282405.48	4052509.51	278.35923	(07011504)	282425.48	4052509.51	280.33777	(07010521)
282445.48	4052509.51	282.72132	(07022405)	282465.48	4052509.51	284.09516	(07011122)
282485.48	4052509.51	283.64835	(09120603)	282505.48	4052509.51	276.24624	(07121918)
282525.48	4052509.51	258.78385	(07121918)	282545.48	4052509.51	246.73107	(08012903)
282565.48	4052509.51	247.20940	(07022720)	282585.48	4052509.51	248.34748	(07022404)
282605.48	4052509.51	247.72310	(07120920)	282625.48	4052509.51	247.56995	(09120305)
282645.48	4052509.51	247.43998	(08020706)	282665.48	4052509.51	247.06196	(08012607)
282685.48	4052509.51	246.68670	(08020501)	282705.48	4052509.51	245.15380	(08022922)
282725.48	4052509.51	242.38542	(08013002)	282745.48	4052509.51	242.40434	(09010501)
282765.48	4052509.51	241.29477	(09012404)	282785.48	4052509.51	242.49075	(07122705)
282805.48	4052509.51	241.34130	(10011104)	282825.48	4052509.51	240.33547	(07021324)
282845.48	4052509.51	240.34473	(08012103)	282865.48	4052509.51	237.96723	(09010108)
282885.48	4052509.51	258.57084	(10020721)	282905.48	4052509.51	278.66721	(10020721)
282925.48	4052509.51	285.36553	(10020721)	282945.48	4052509.51	283.54018	(08120202)
282965.48	4052509.51	284.17142	(09010502)	282985.48	4052509.51	282.17314	(09020403)
283005.48	4052509.51	280.57152	(08012024)	283025.48	4052509.51	277.81027	(08120603)
283045.48	4052509.51	275.54231	(09021206)	283065.48	4052509.51	271.54339	(09011705)
283085.48	4052509.51	267.64708	(07120723)	283105.48	4052509.51	263.36396	(10021005)
283125.48	4052509.51	255.49896	(10021718)	283145.48	4052509.51	253.82459	(10021718)
282762.32	4052038.14	513.42371	(08013007)	282761.66	4052060.61	577.71680	(07021203)
282761.00	4052077.13	650.02211	(10010404)				

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (35064 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
----------	--------------	---------	--

ALL	1ST HIGHEST VALUE IS	93.03861	AT (282761.00, 4052077.13, 105.08, 105.08, 0.00) DC
	2ND HIGHEST VALUE IS	76.93269	AT (282845.48, 4052109.51, 105.13, 105.13, 0.00) DC
	3RD HIGHEST VALUE IS	73.25633	AT (282665.48, 4052209.51, 105.23, 105.23, 0.00) DC
	4TH HIGHEST VALUE IS	72.32586	AT (282645.48, 4052209.51, 105.24, 105.24, 0.00) DC
	5TH HIGHEST VALUE IS	72.30814	AT (282761.66, 4052060.61, 105.07, 105.07, 0.00) DC
	6TH HIGHEST VALUE IS	71.53084	AT (282685.48, 4052209.51, 105.23, 105.23, 0.00) DC
	7TH HIGHEST VALUE IS	68.87657	AT (282625.48, 4052209.51, 105.24, 105.24, 0.00) DC
	8TH HIGHEST VALUE IS	67.37644	AT (282705.48, 4052209.51, 105.24, 105.24, 0.00) DC
	9TH HIGHEST VALUE IS	63.58167	AT (282605.48, 4052209.51, 105.24, 105.24, 0.00) DC
	10TH HIGHEST VALUE IS	61.13667	AT (282725.48, 4052209.51, 105.24, 105.24, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	DATE	AVERAGE CONC	(YYMMDDHH)	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
----------	------	--------------	------------	---------	--

ALL	HIGH	1ST HIGH VALUE IS	1240.96014	ON 07011105: AT (282845.48, 4052129.51, 105.16, 105.16, 0.00) DC
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*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 18081 *** ** C:\Users\Public\Desktop\Lakes Environmental\Reedley DMV\Reedley
DMV\ *** 04/25/19
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 10930 Informational Message(s)

A Total of 35064 Hours Were Processed

A Total of 9717 Calm Hours Identified

A Total of 1213 Missing Hours Identified (3.46 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W187 85 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.25
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors

Worker adjustment factors enabled: NO

****Fraction at time at home****
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedCancerRisk.csv
Cancer risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedNCChronicRisk.csv
Chronic risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedNCAcuteRisk.csv
Acute risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-UnmitigatedNCAcuteRiskSumByRec.csv
HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.25
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors

Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-MitigatedCancerRisk.csv

Cancer risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK

PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-MitigatedCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-

MitigatedNCChronicRisk.csv

Chronic risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-

MitigatedNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-MitigatedNCAcuteRisk.csv

Acute risk total by receptor saved to: P:\300.Environmental\11574 Reedley DMV\DUDEK WORK PRODUCTS\DOCUMENTS\AQGHG\HRA\HARP\REEDLEY DMV HRA\hra\Res-

MitigatedNCAcuteRiskSumByRec.csv

HRA ran successfully

